

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

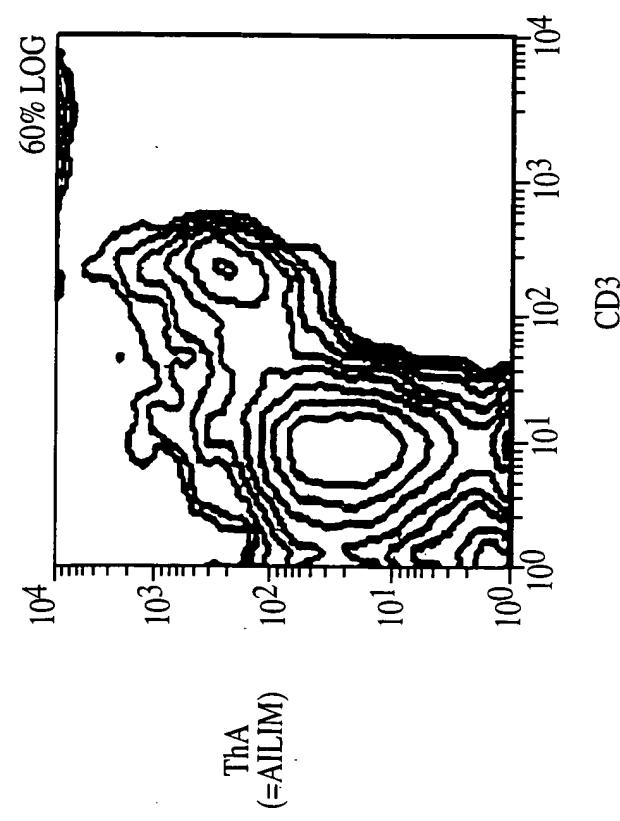
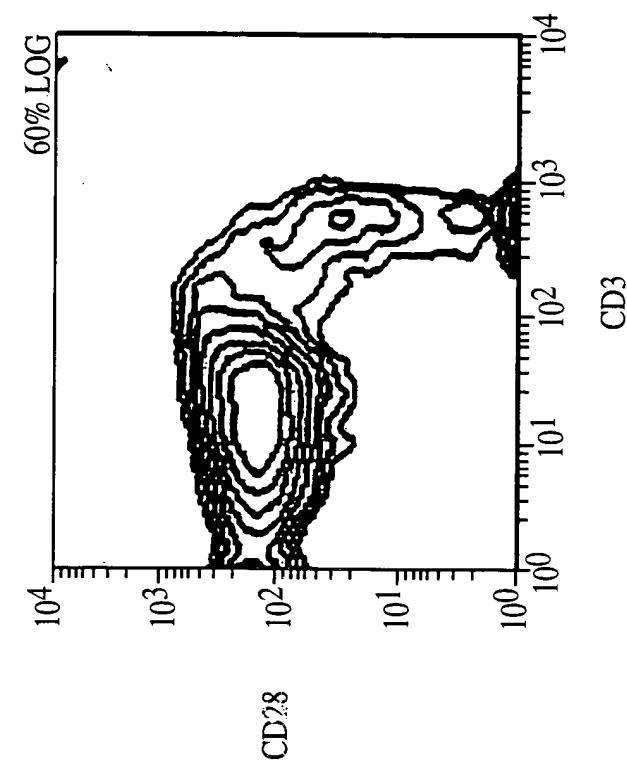


FIG. 1a

FIG. 1b

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

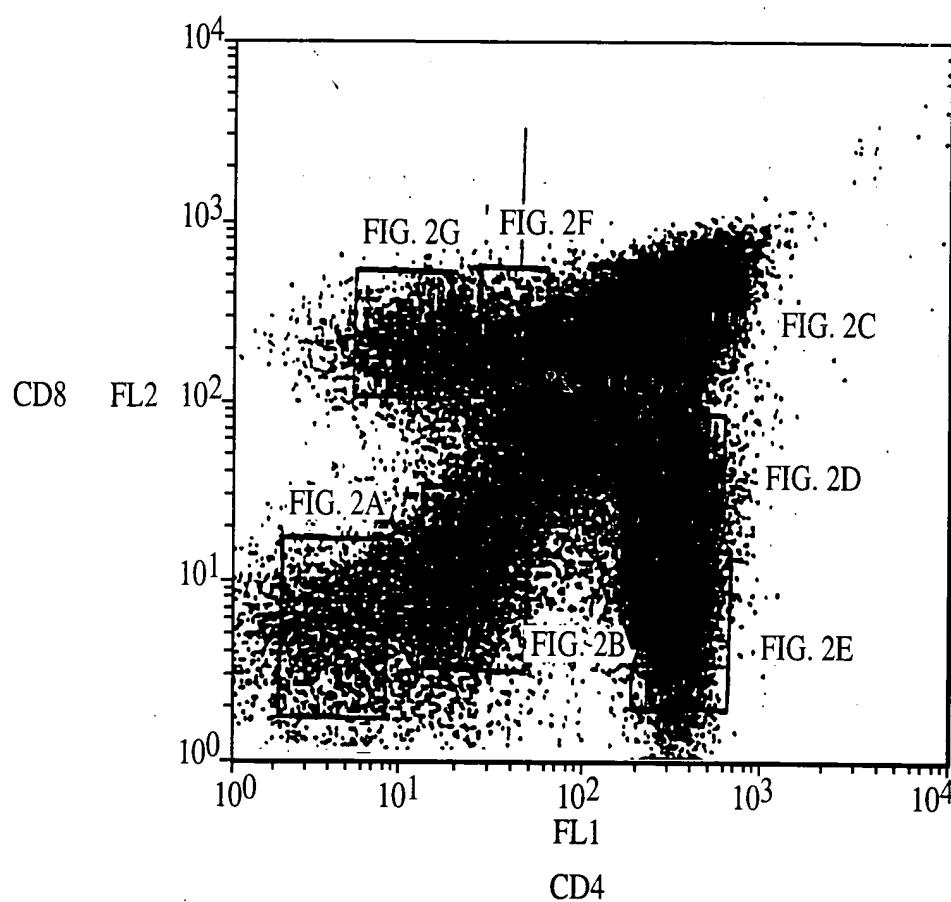


FIG. 2

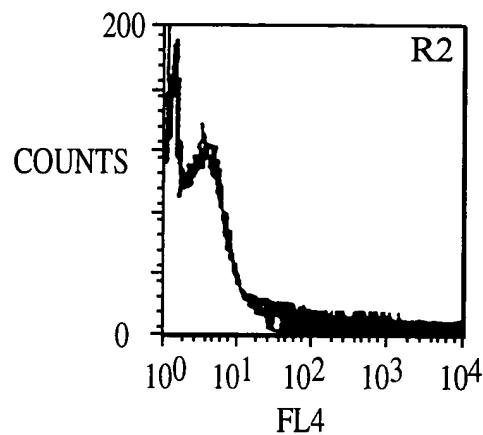


FIG. 2a

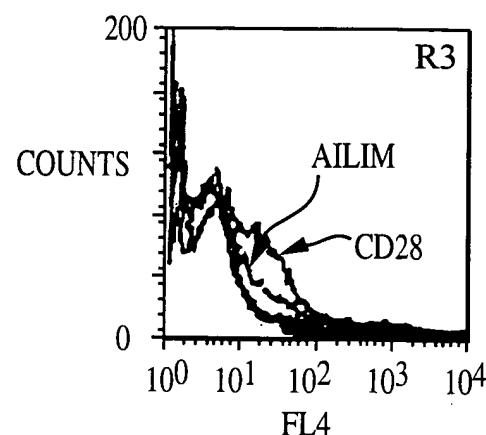


FIG. 2b

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

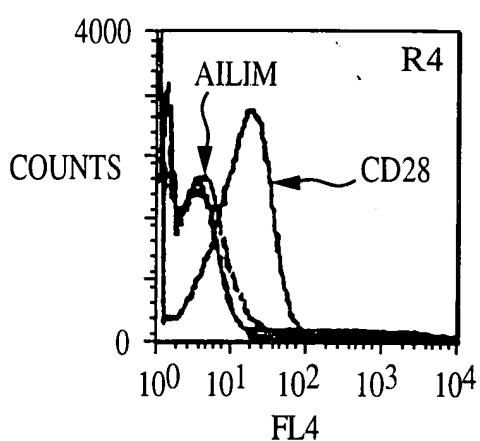


FIG. 2c

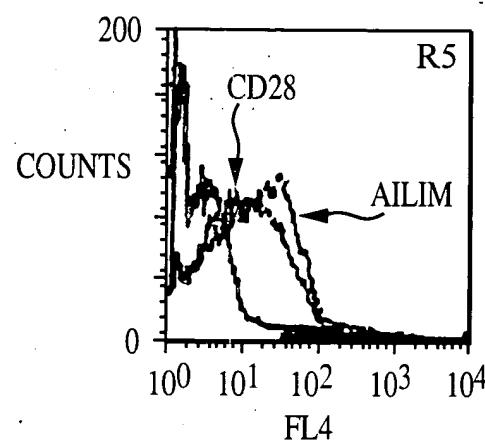


FIG. 2d

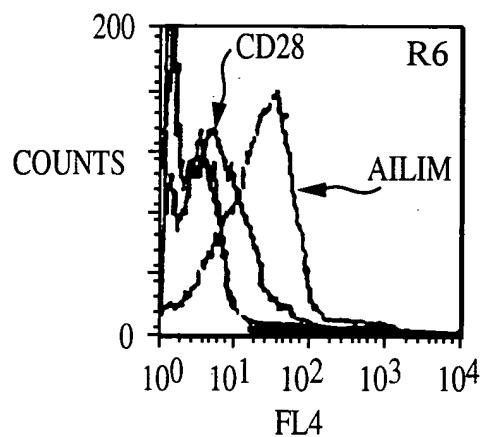


FIG. 2e

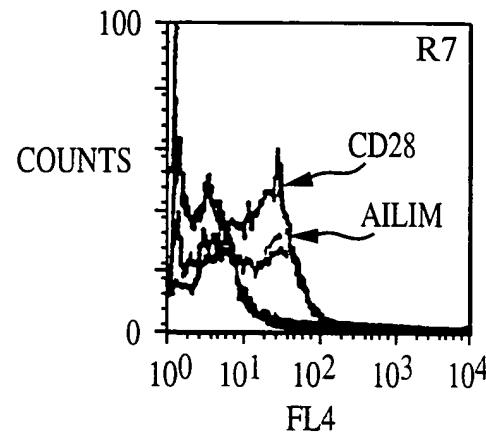


FIG. 2f

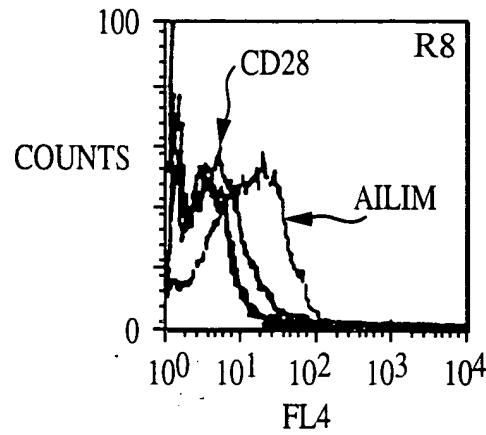


FIG. 2g

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

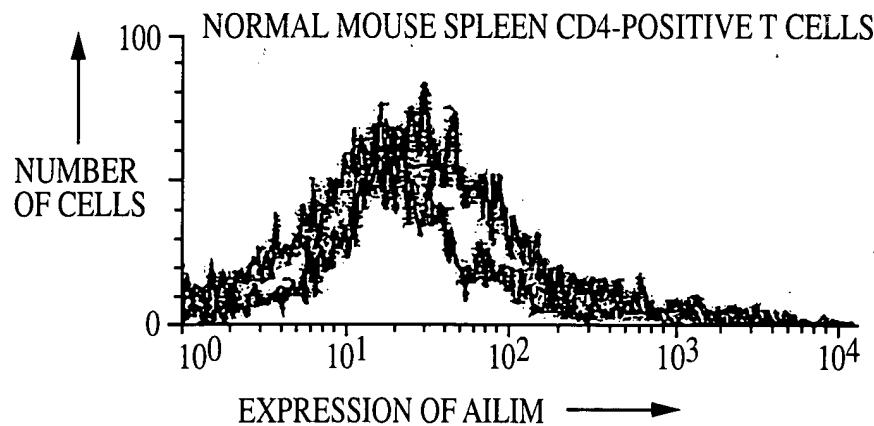


FIG. 3

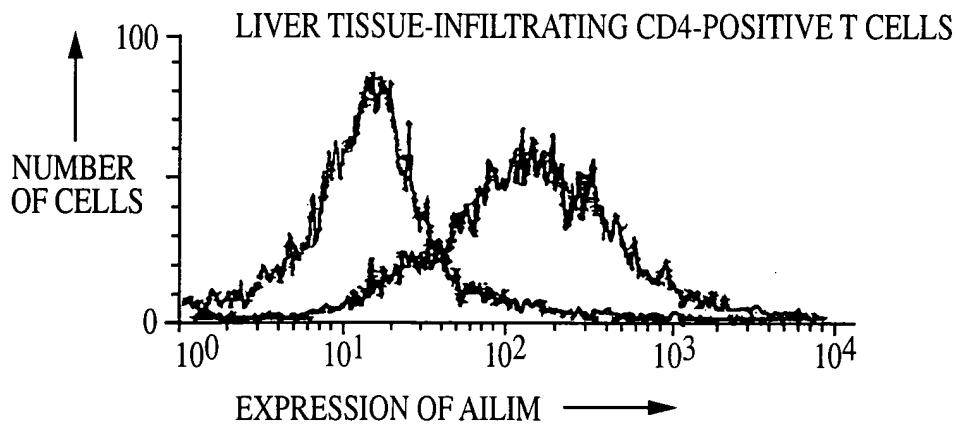
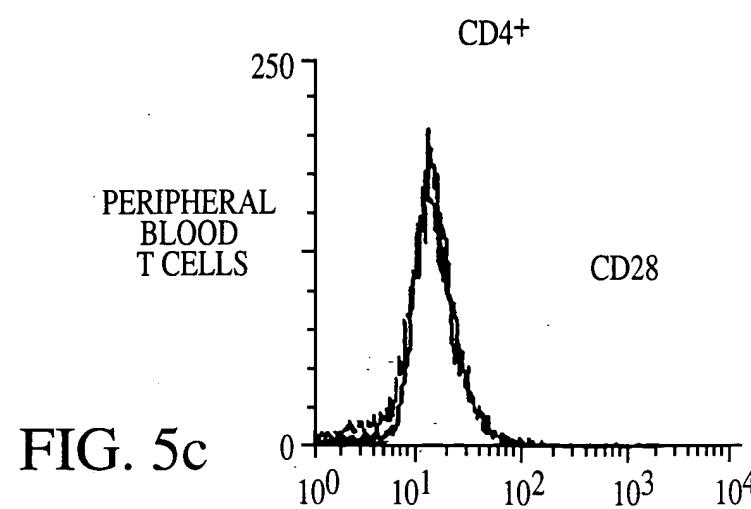
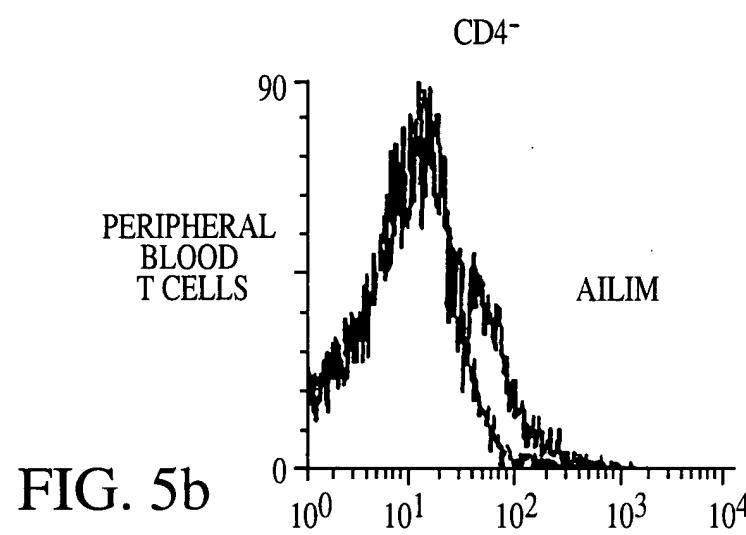
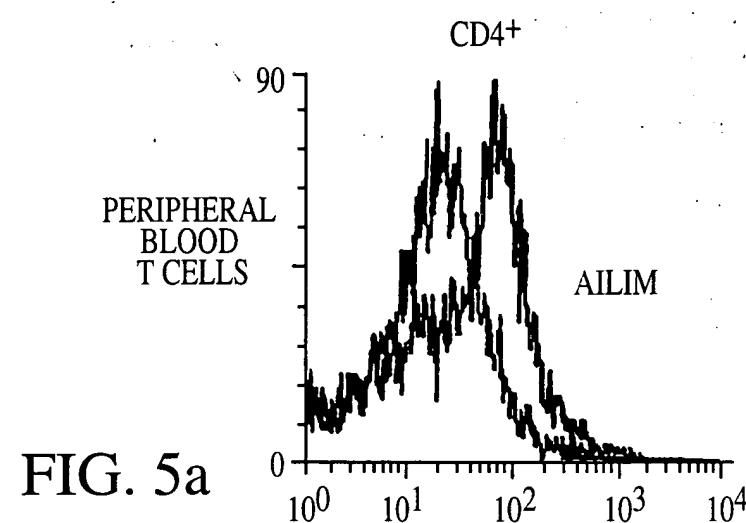
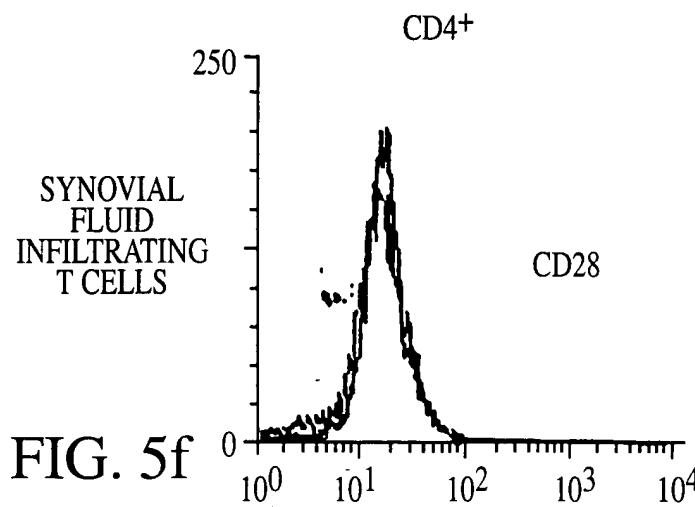
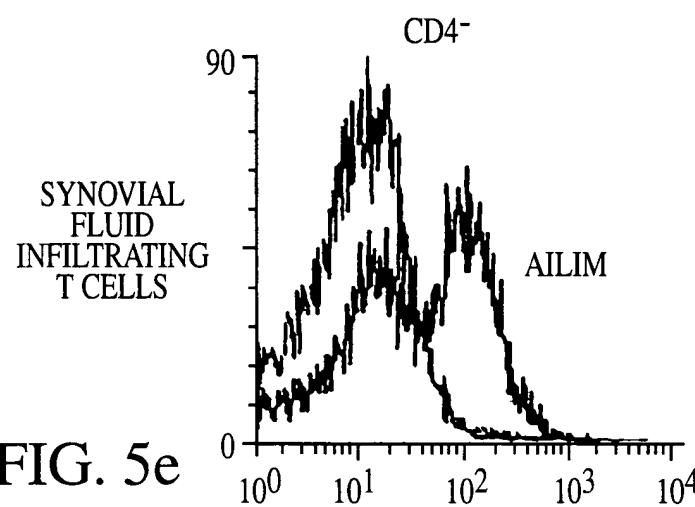
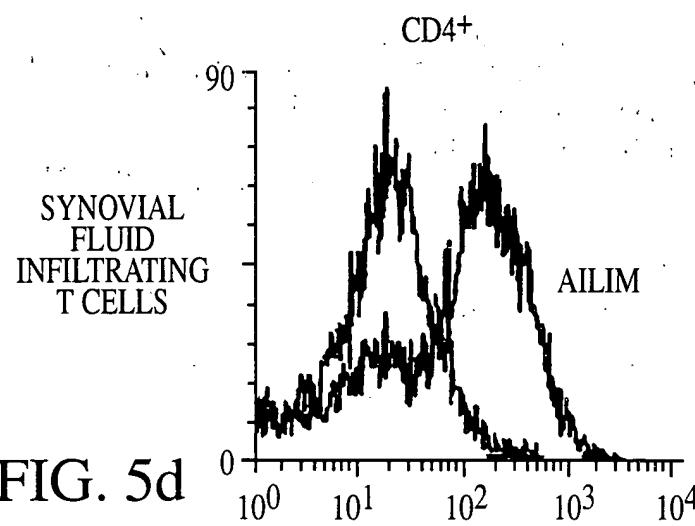


FIG. 4

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	



APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

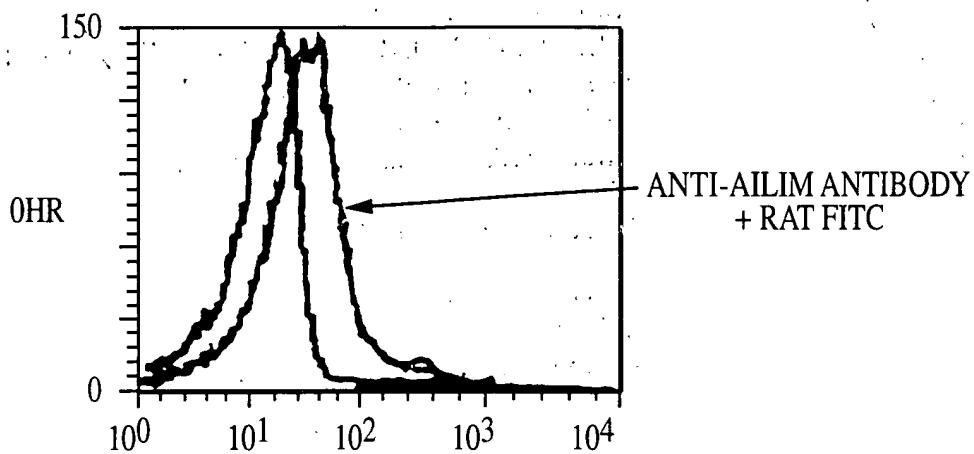


FIG. 6a FL1-H

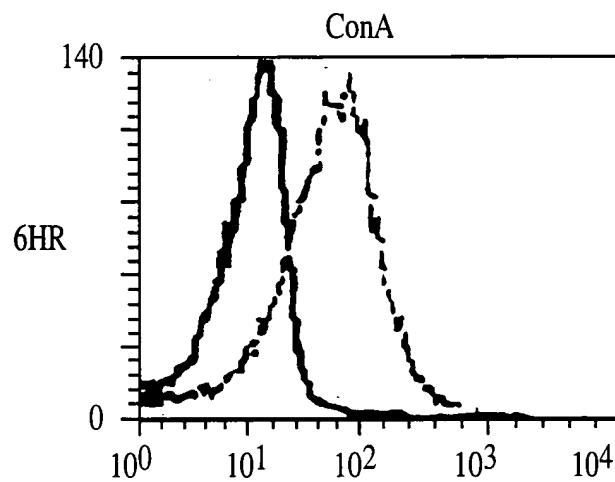


FIG. 6b FL1-H

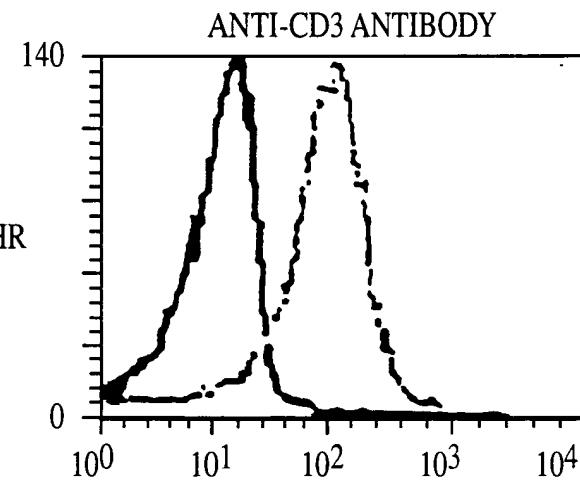


FIG. 6c FL1-H

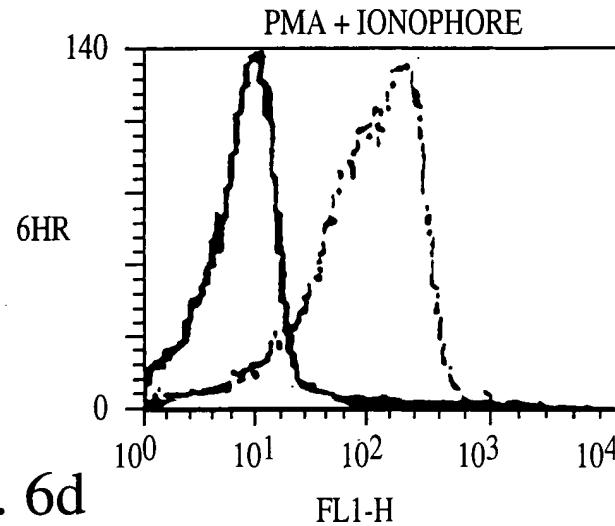


FIG. 6d

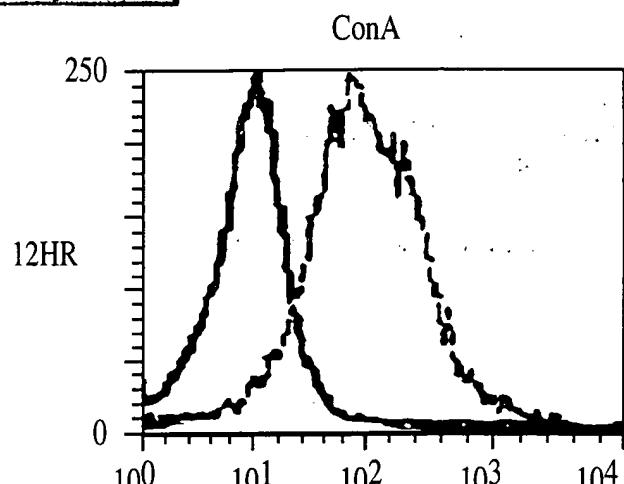


FIG. 6e FL1-H

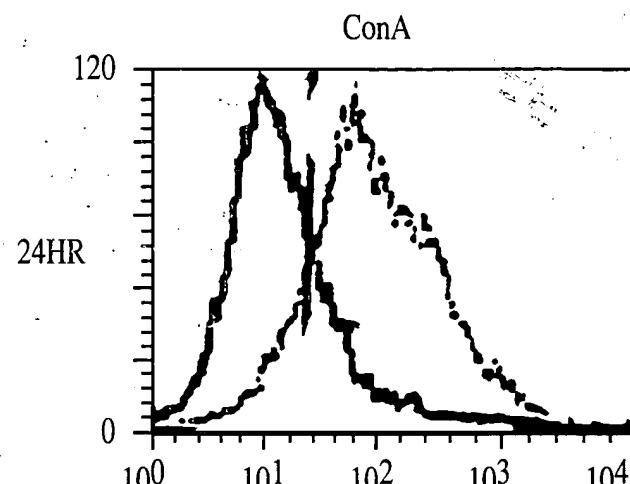


FIG. 6h FL1-H

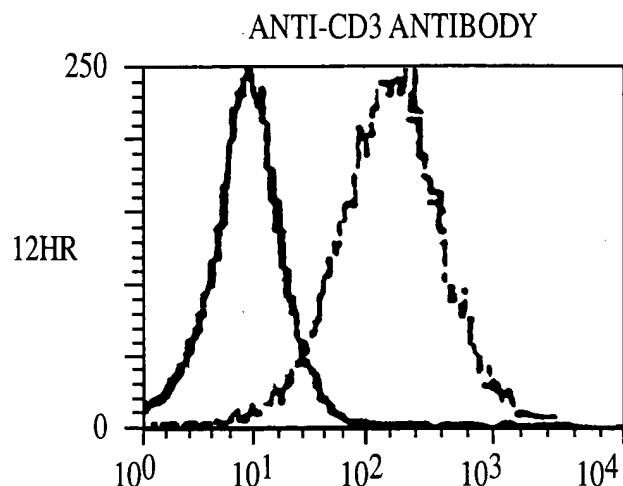


FIG. 6f FL1-H

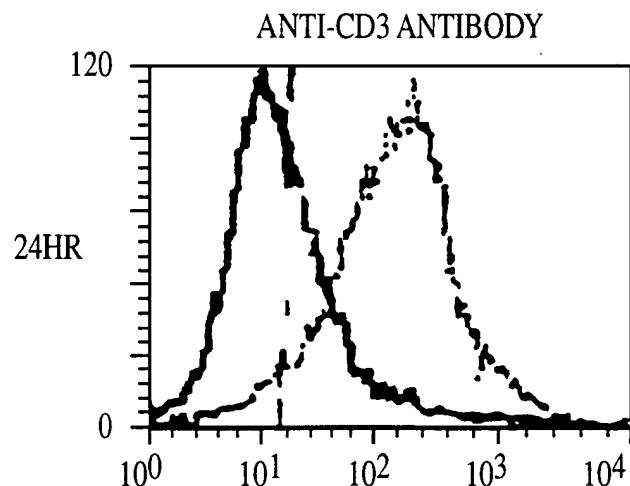


FIG. 6i FL1-H

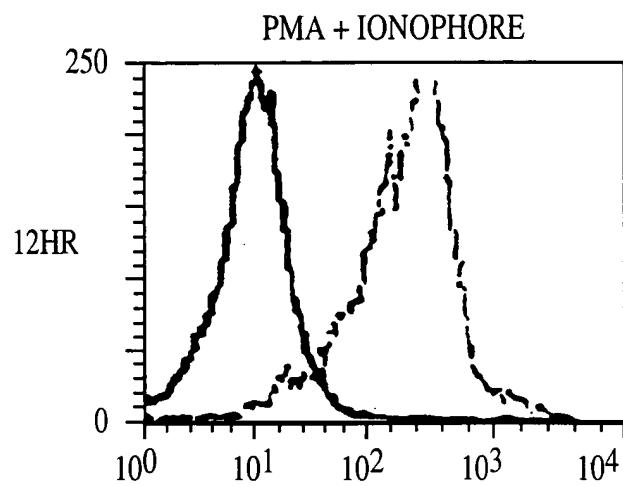


FIG. 6g FL1-H

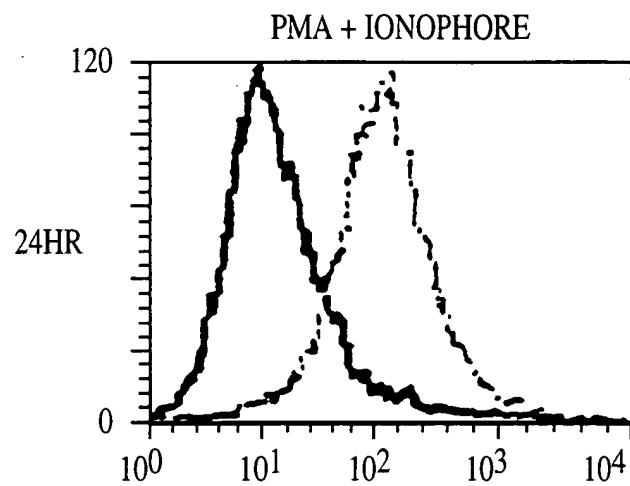


FIG. 6j FL1-H

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

LINE	SPECIFICITY	LYMPHOKINE	Th1/Th2	CD28/AIIM
1. T CELL STRAIN				
<u>D10</u>	CON-ALBUMIN	IL-4	Th2	+/-
<u>MS202</u>	I-A ^k	IL-4	Th2	+/-
<u>CD28KO</u>	I-E ^k	IL-4	Th2	-/+
<u>EL-4</u>	?	IL-4/-2	Th0	+/-
2L2	CYTOCHROME C	IL-2/IFN-r	Th1	+/-
BC3C13	Misc	IFN-r	Th1	+/-
 2. T HYBRIDOMA (BW5147 PARENTAL STRAIN)				
KV24	?	IL-2	Th1	+/-
DO.11.10	OVA	IL-2	Th1	+/-
8-4-31	SEB	IL-2	Th1	+/-
3H10-11	SEB	IL-2	Th1	+/-
61-21-25	SEB	IL-2	Th1	+/-
1-2-66	SEB	IL-2	Th1	+/-
6-13-64	SEB	IL-2	Th1	-/-

FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

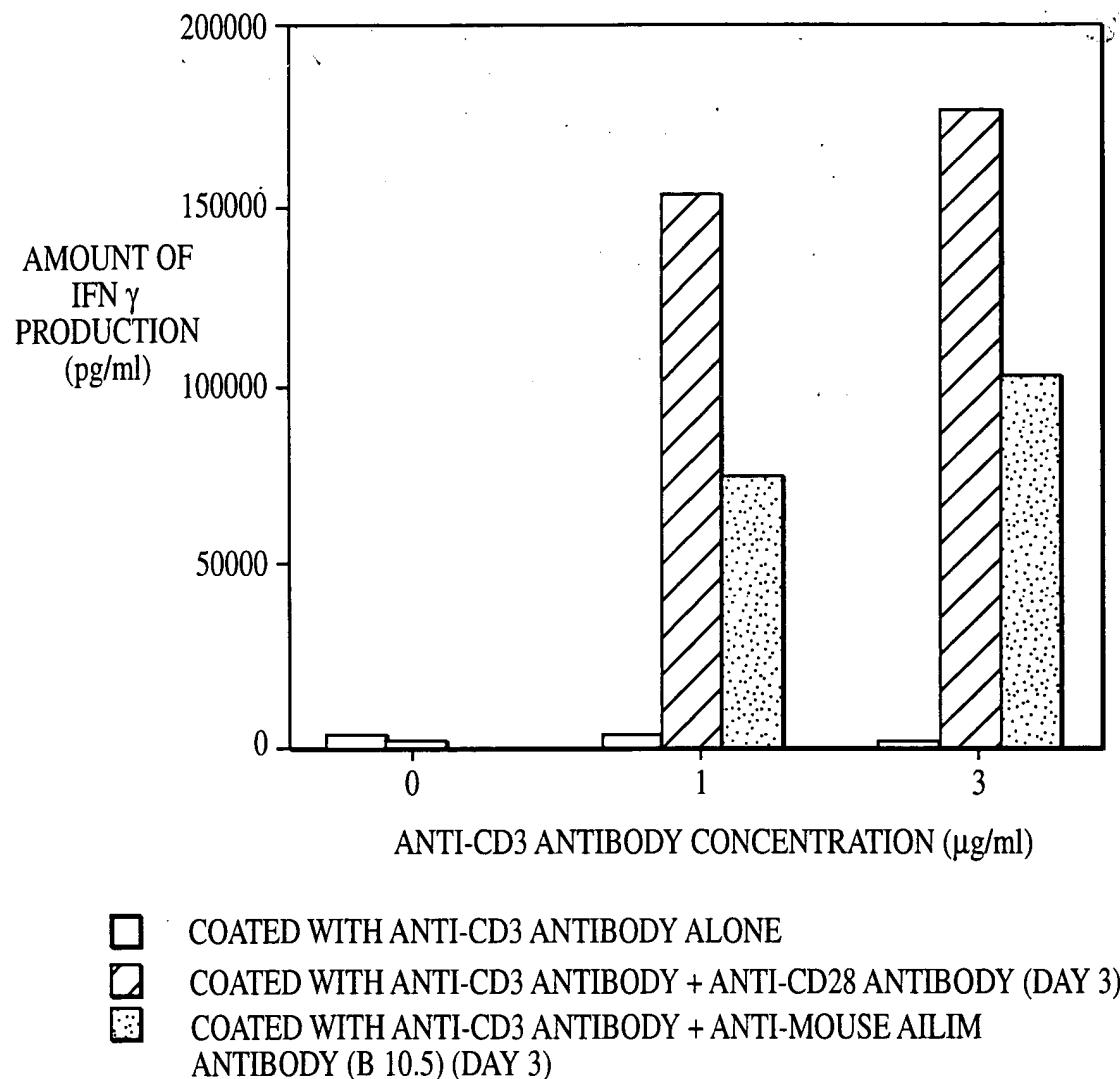
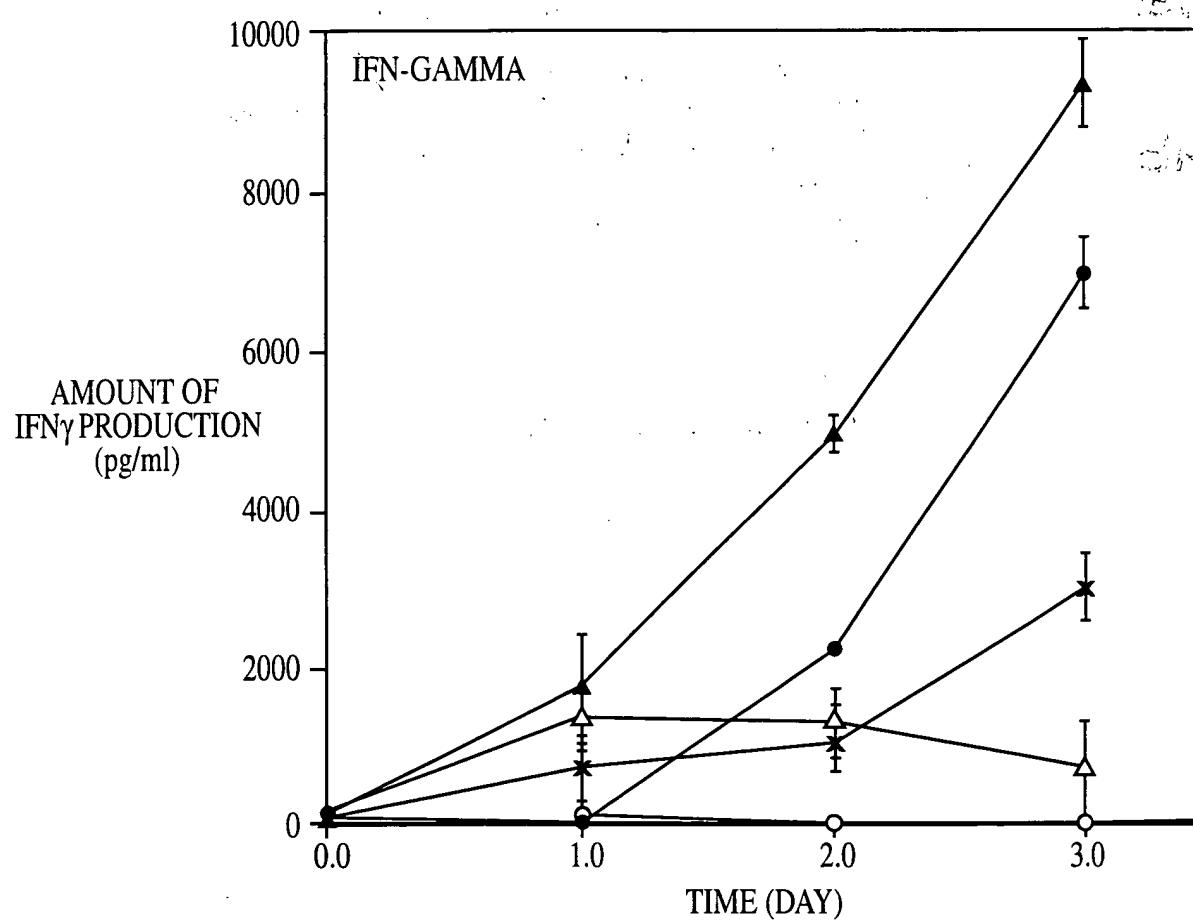


FIG. 8

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	



- ▲ COATED WITH ANTI-CD3 ANTIBODY + ANTI-RAT AILIM ANTIBODY (JTT-1 ANTIBODY)
- COATED WITH ANTI-CD3 ANTIBODY + ANTI-CD28 ANTIBODY
- × COATED WITH ANTI-CD3 ANTIBODY ALONE
- △ COATED WITH ANTI-RAT AILIM ANTIBODY (JTT-1 ANTIBODY) ALONE
- COATED WITH ANTI-CD28 ANTIBODY ALONE

FIG. 9

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

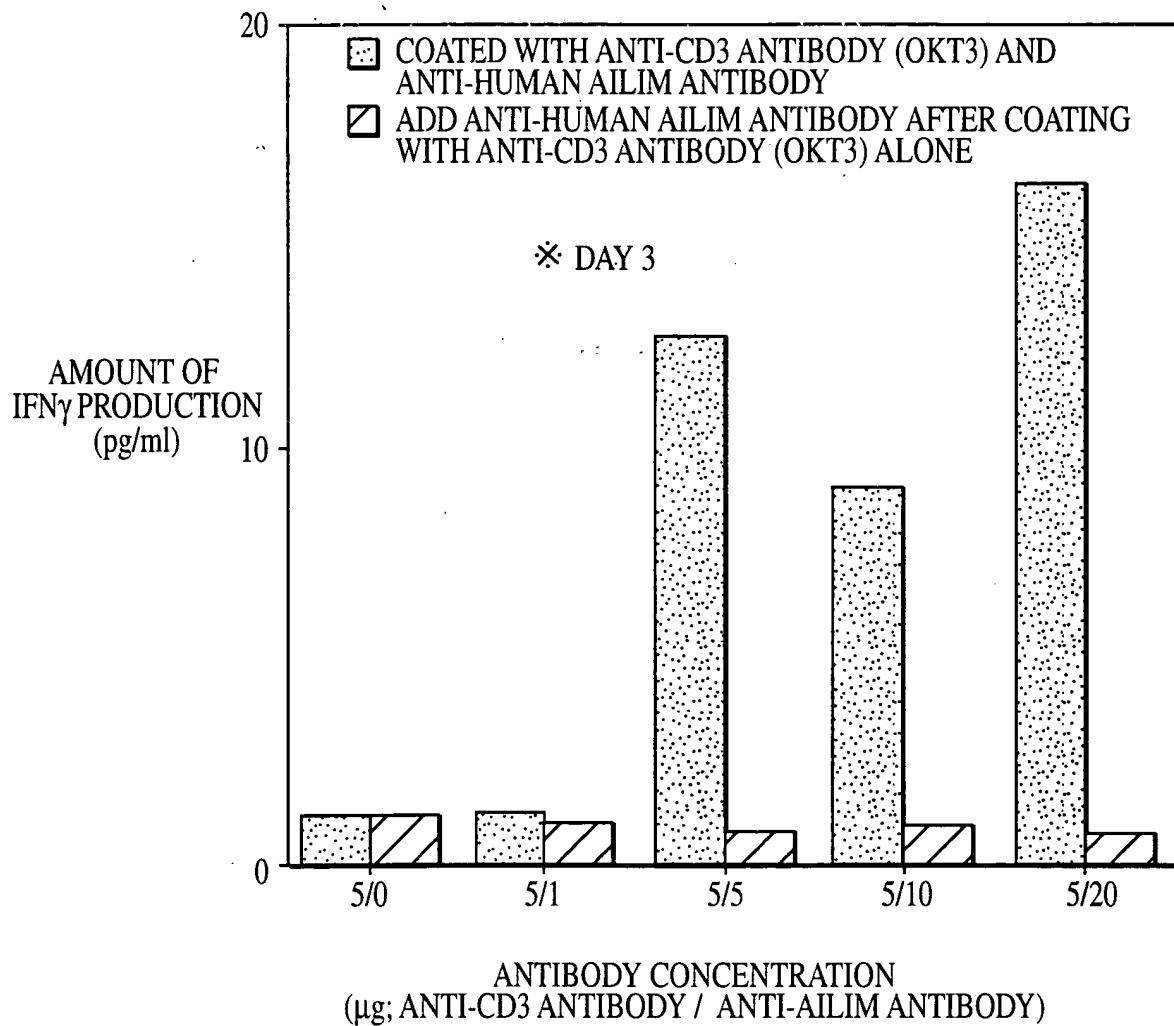


FIG. 10

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

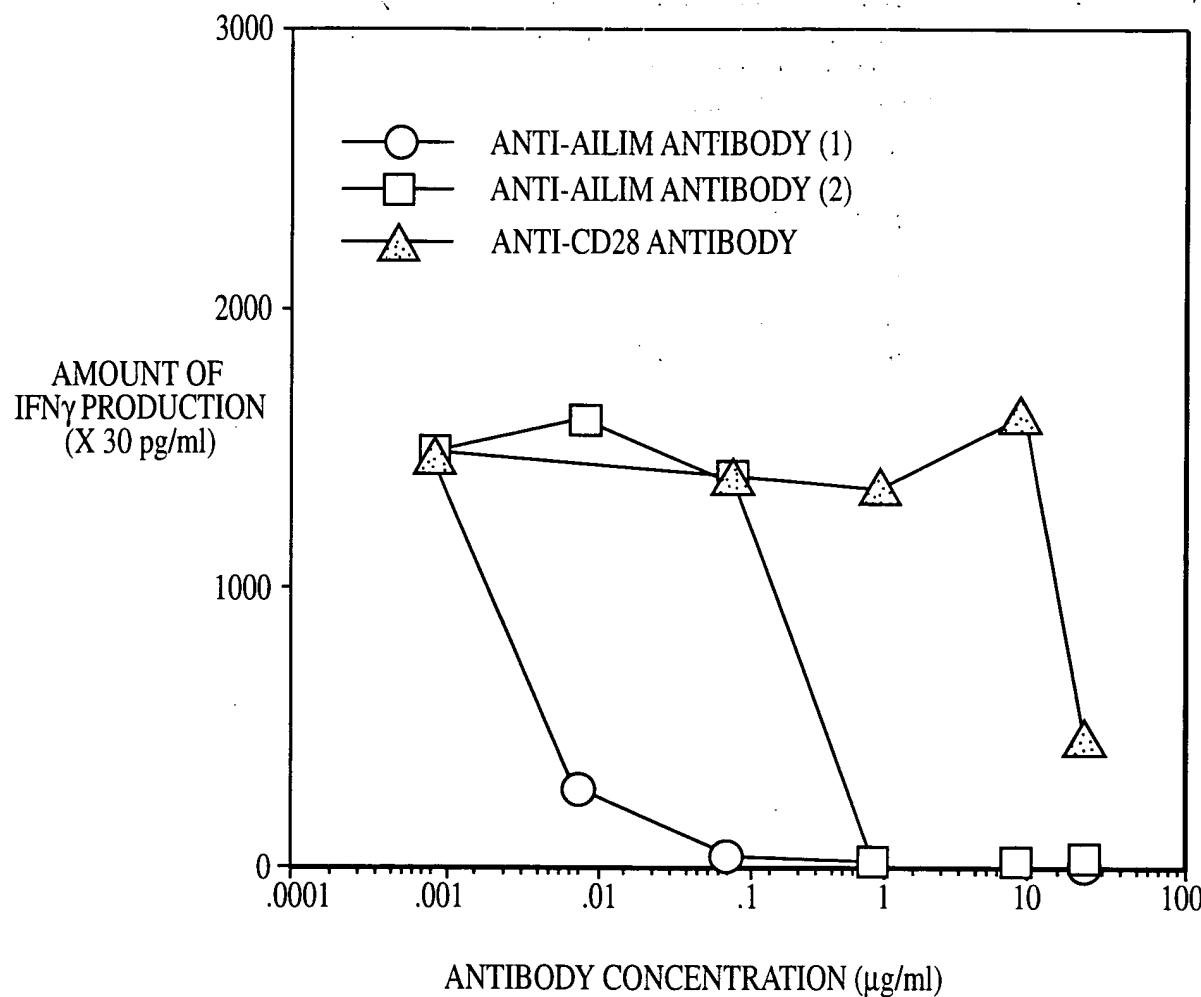


FIG. 11

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

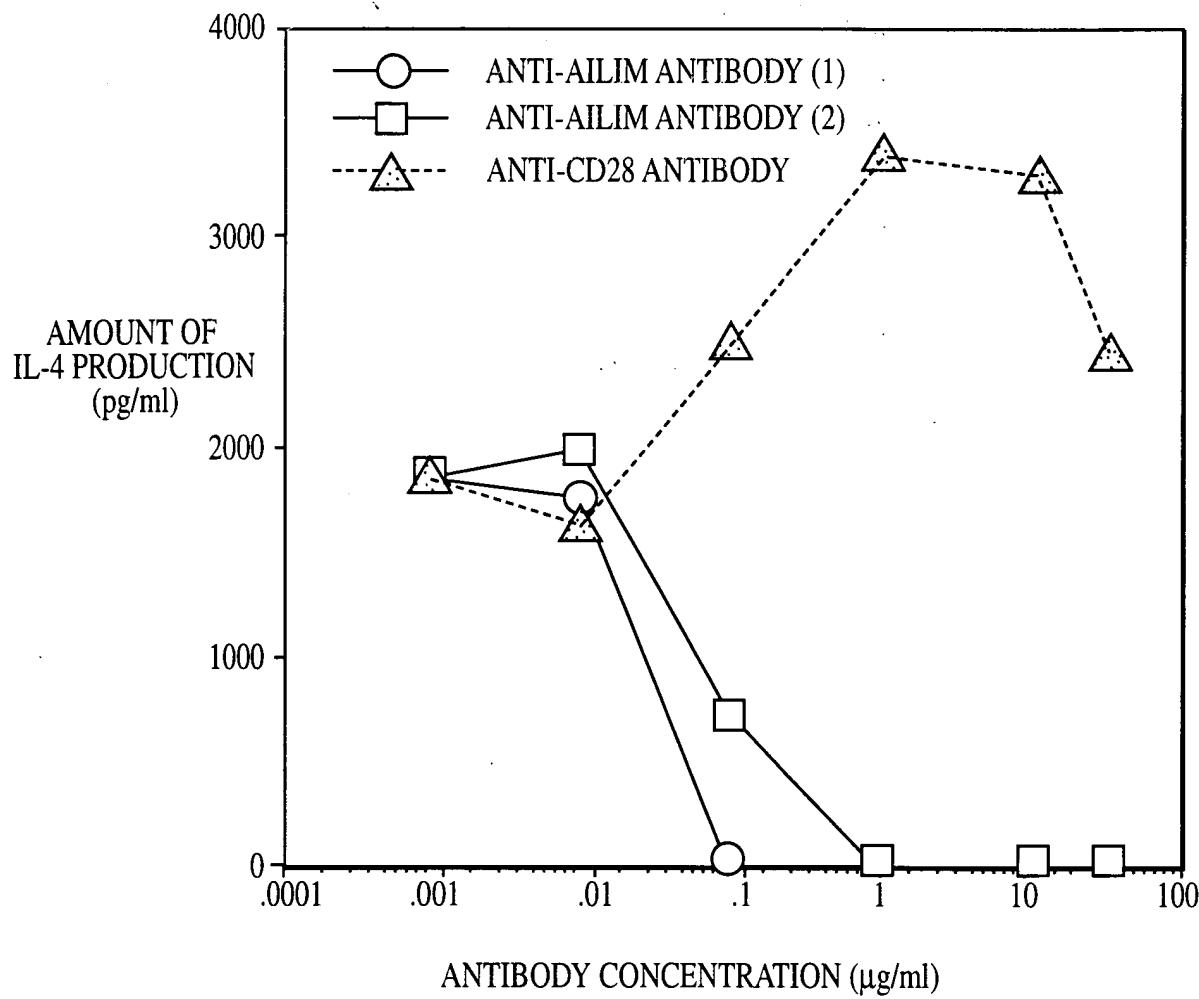


FIG. 12

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

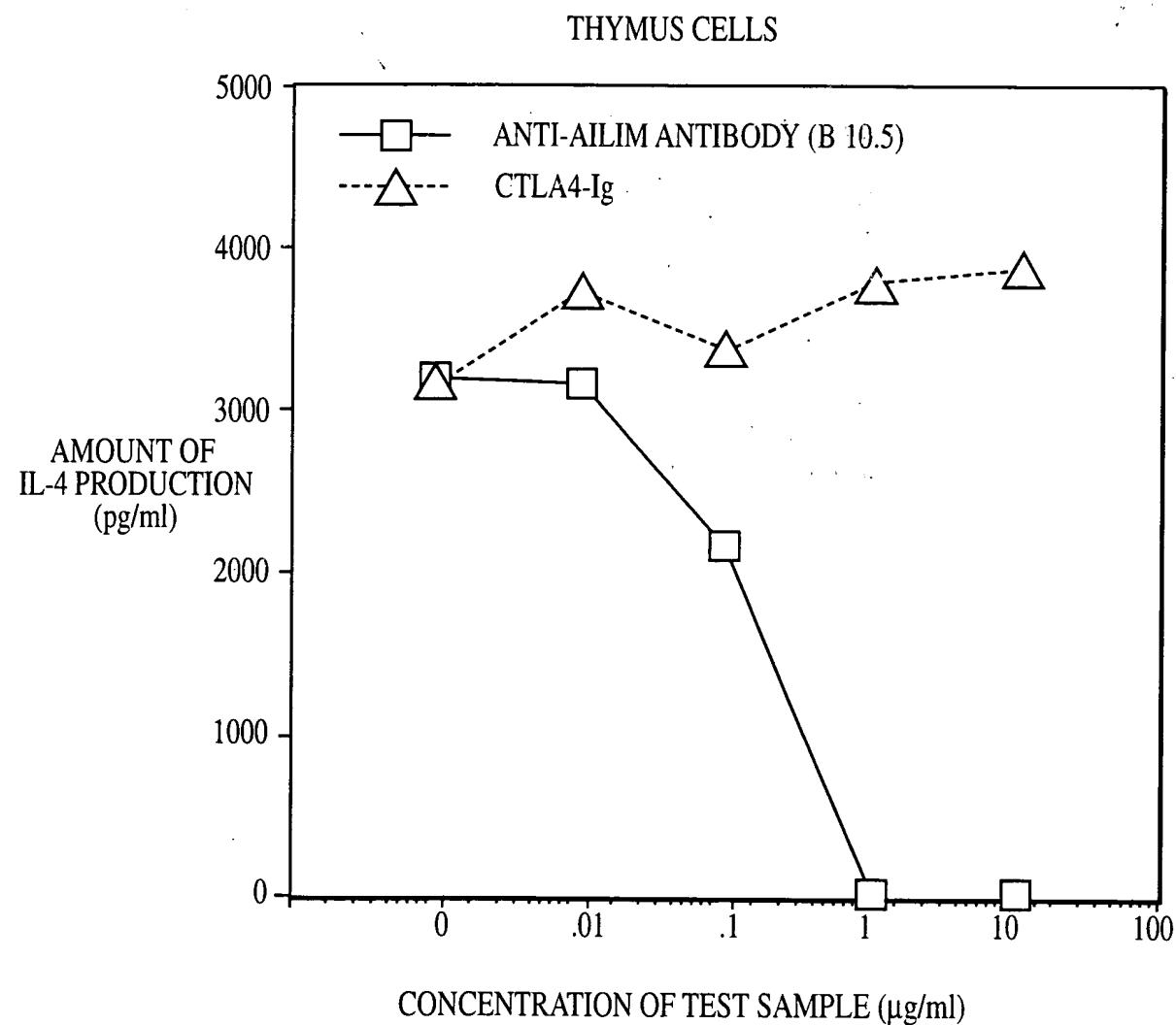


FIG. 13

APPROVED	D.G. FIG.
BY	
DRAFTSMAN	

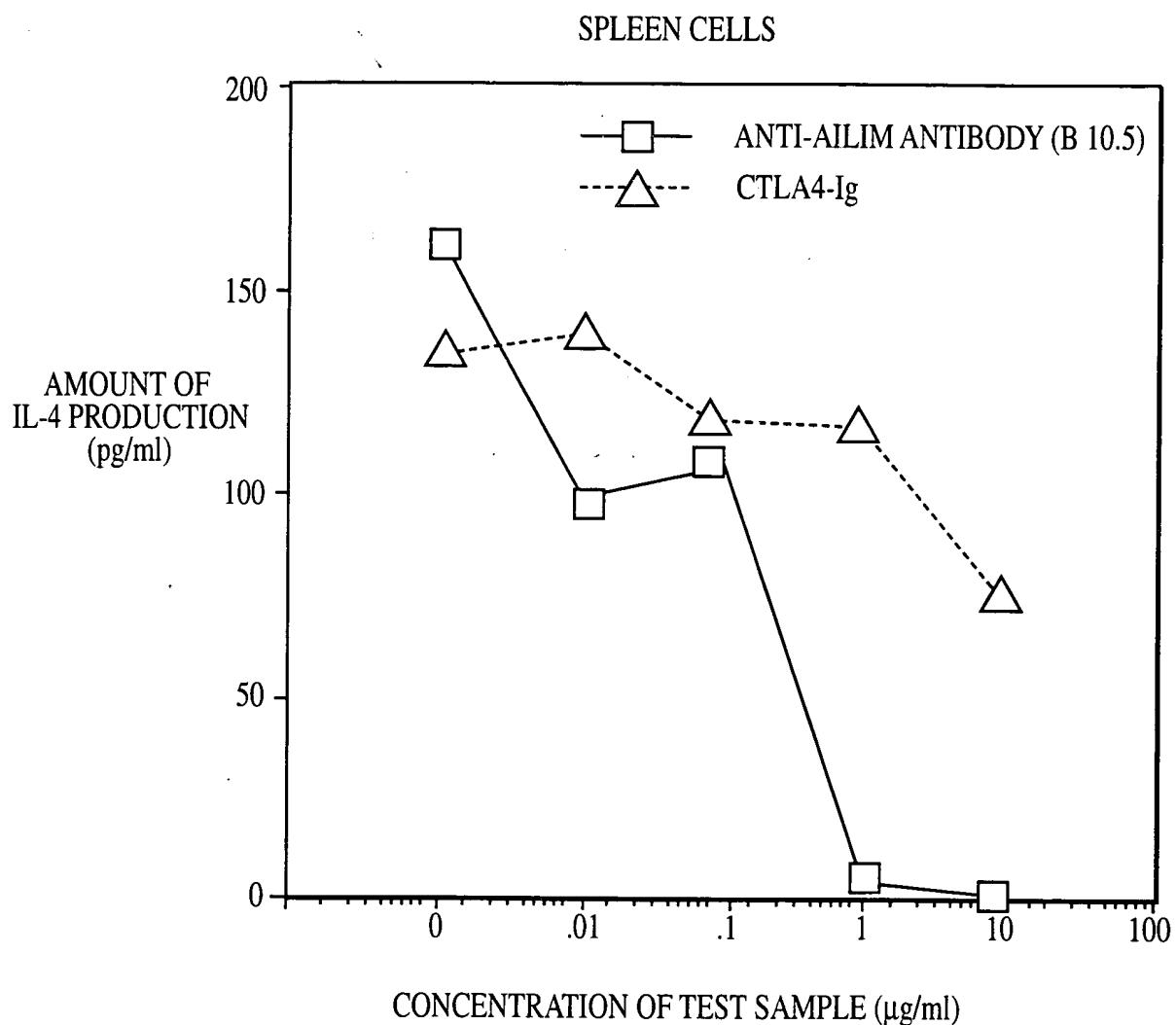


FIG. 14

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

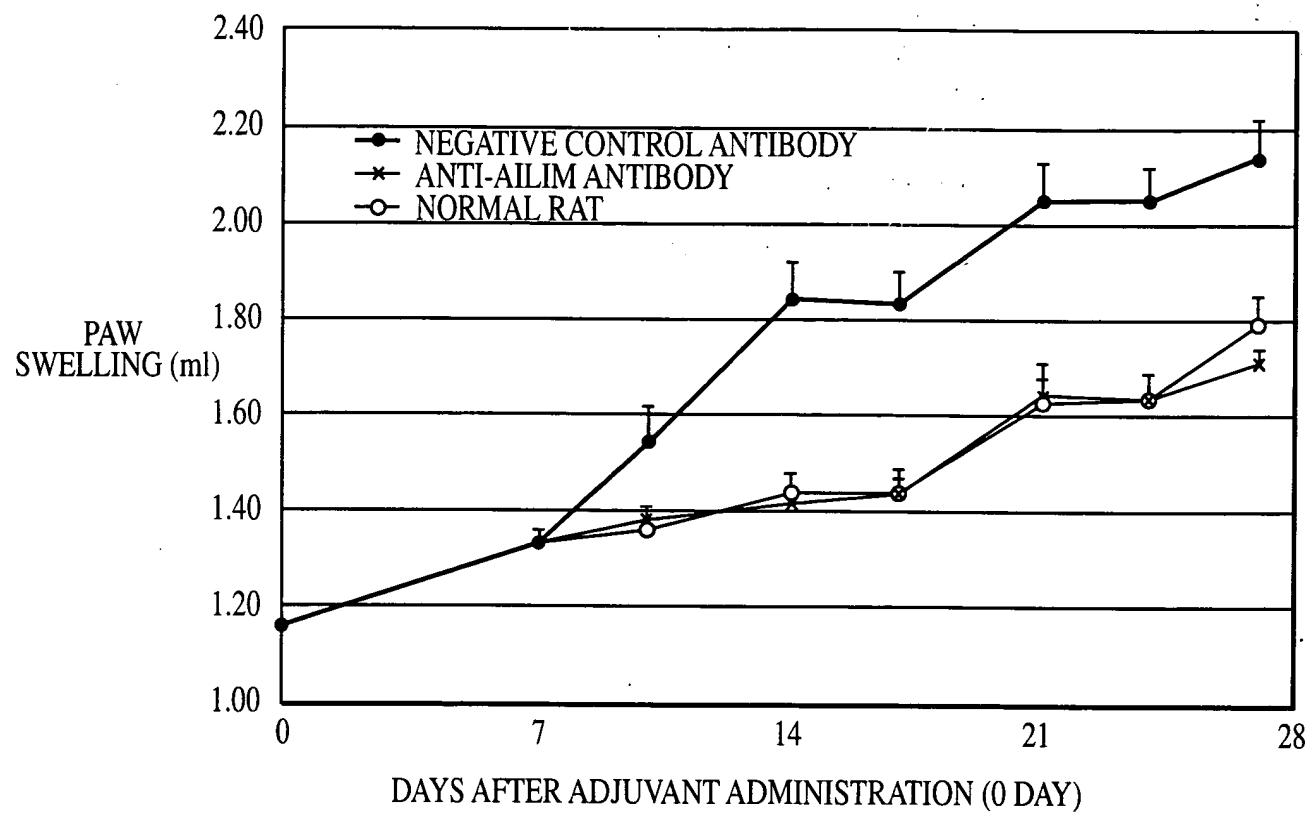


FIG. 15

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	CLASS SUBCLASS

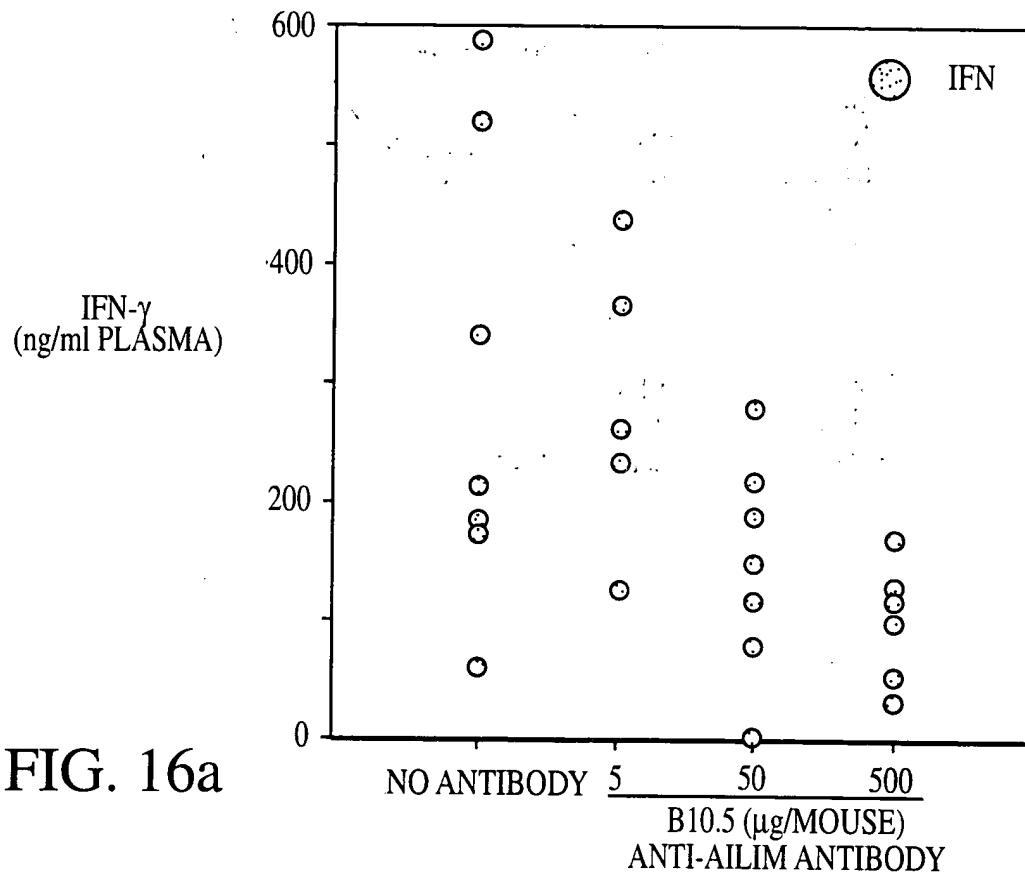


FIG. 16a

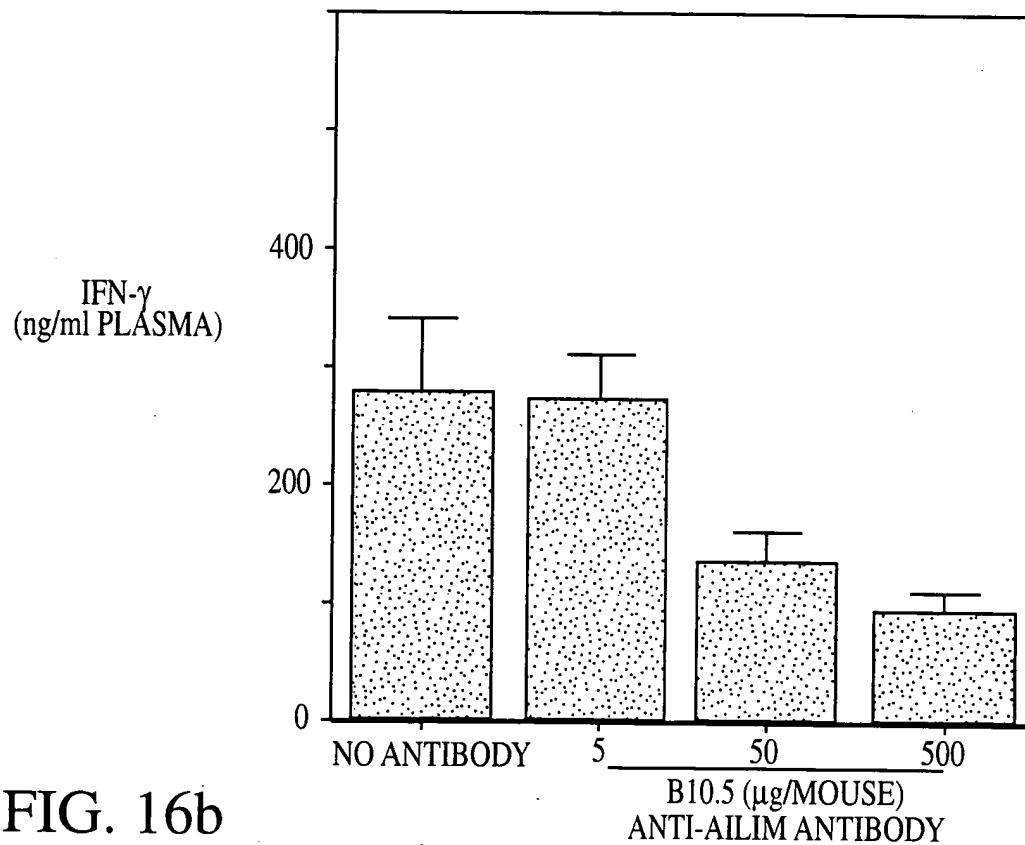


FIG. 16b

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

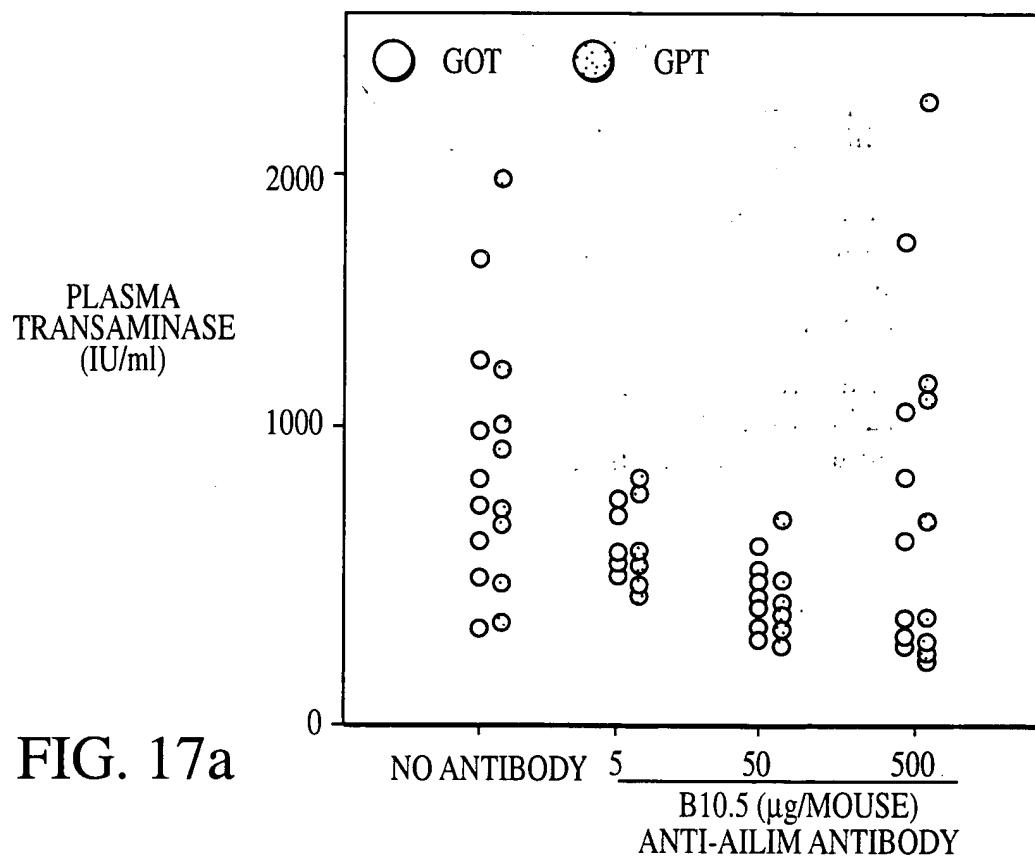


FIG. 17a

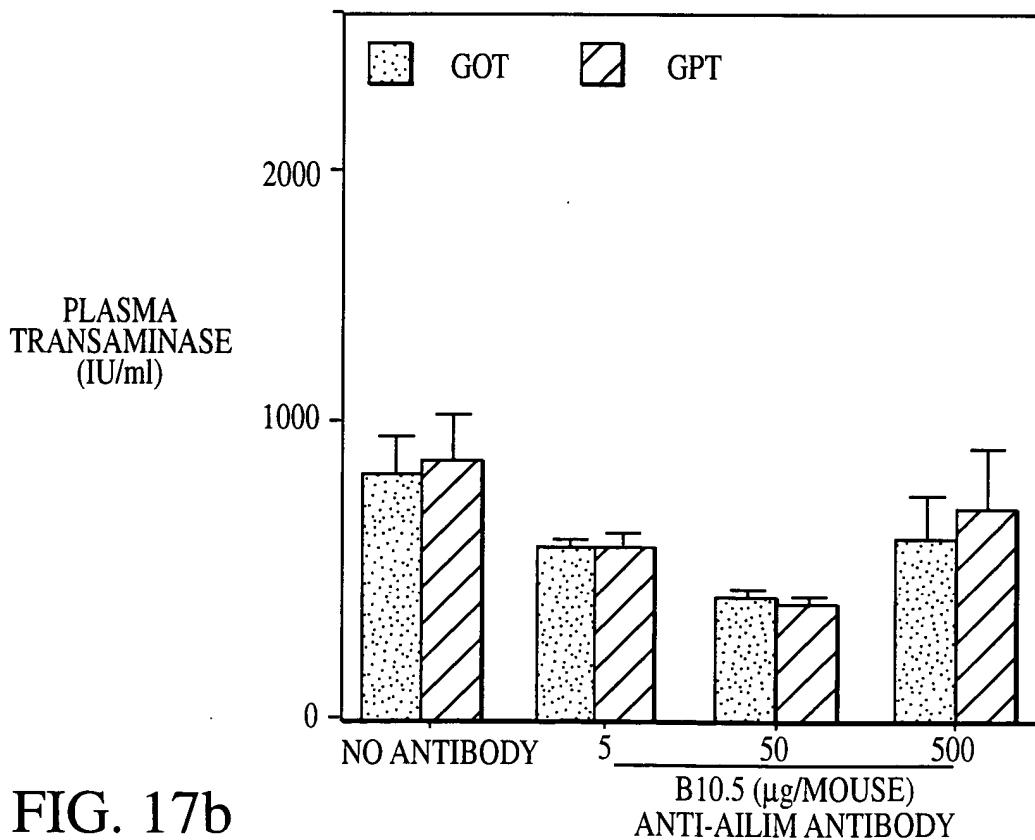


FIG. 17b

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

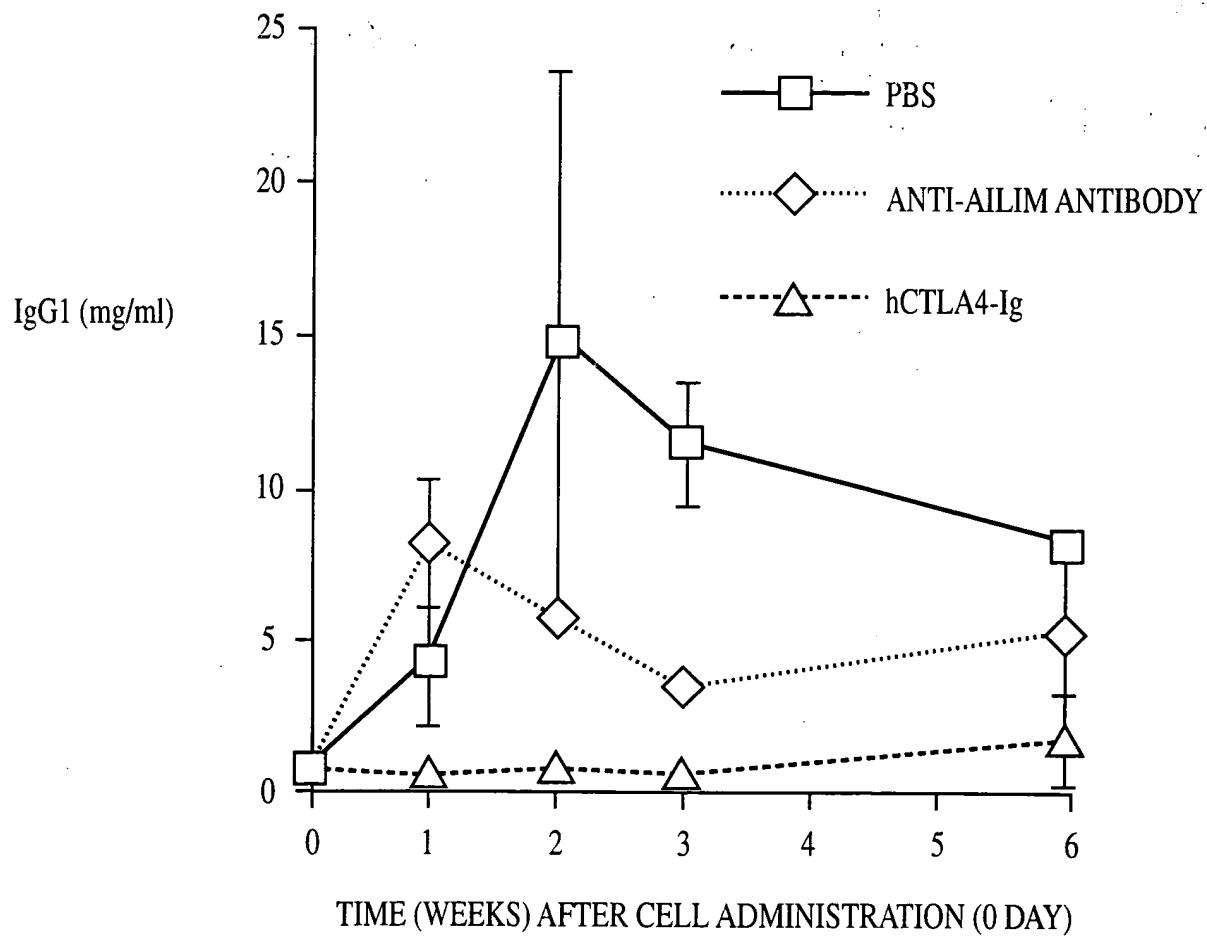


FIG. 18

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	CLASS SUBCLASS

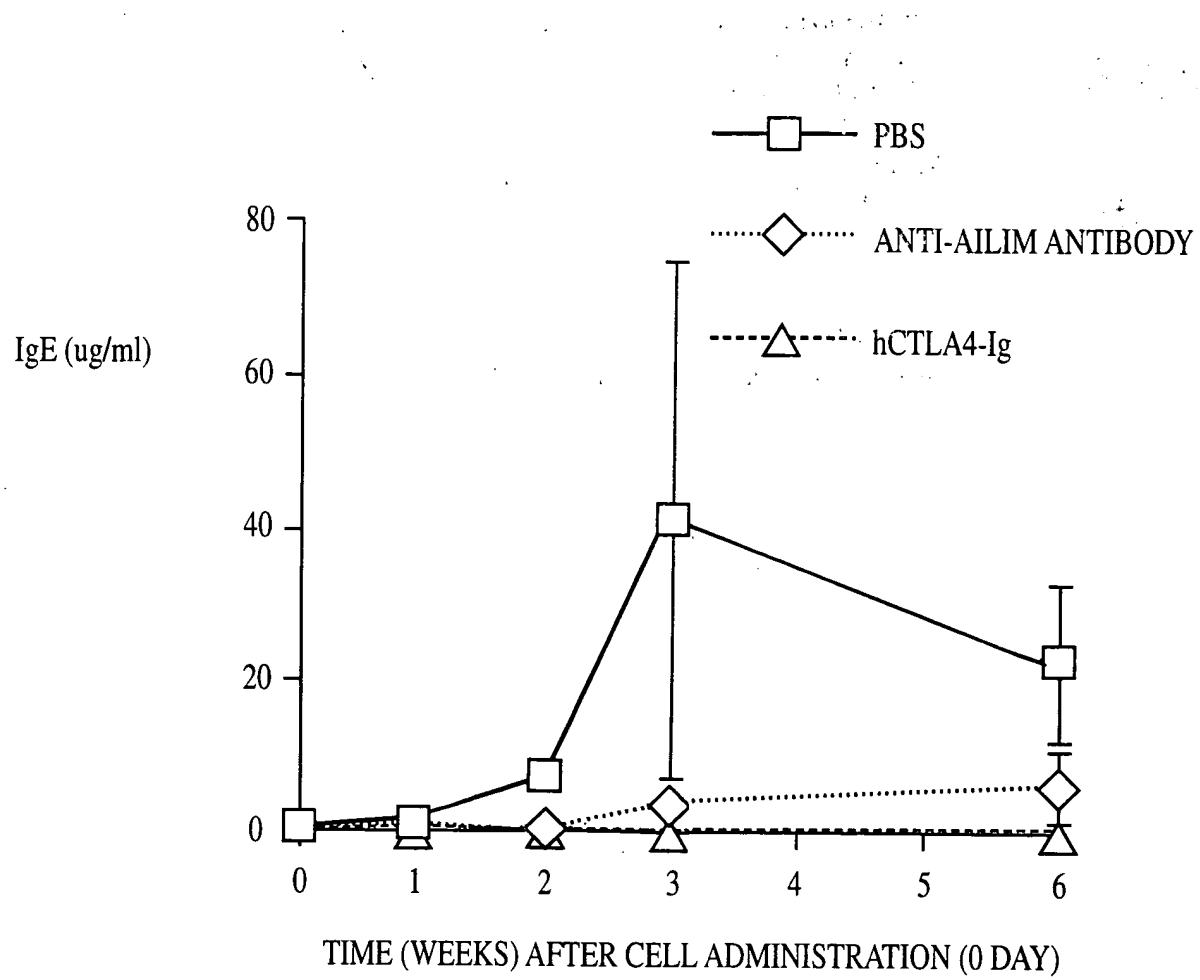


FIG. 19

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

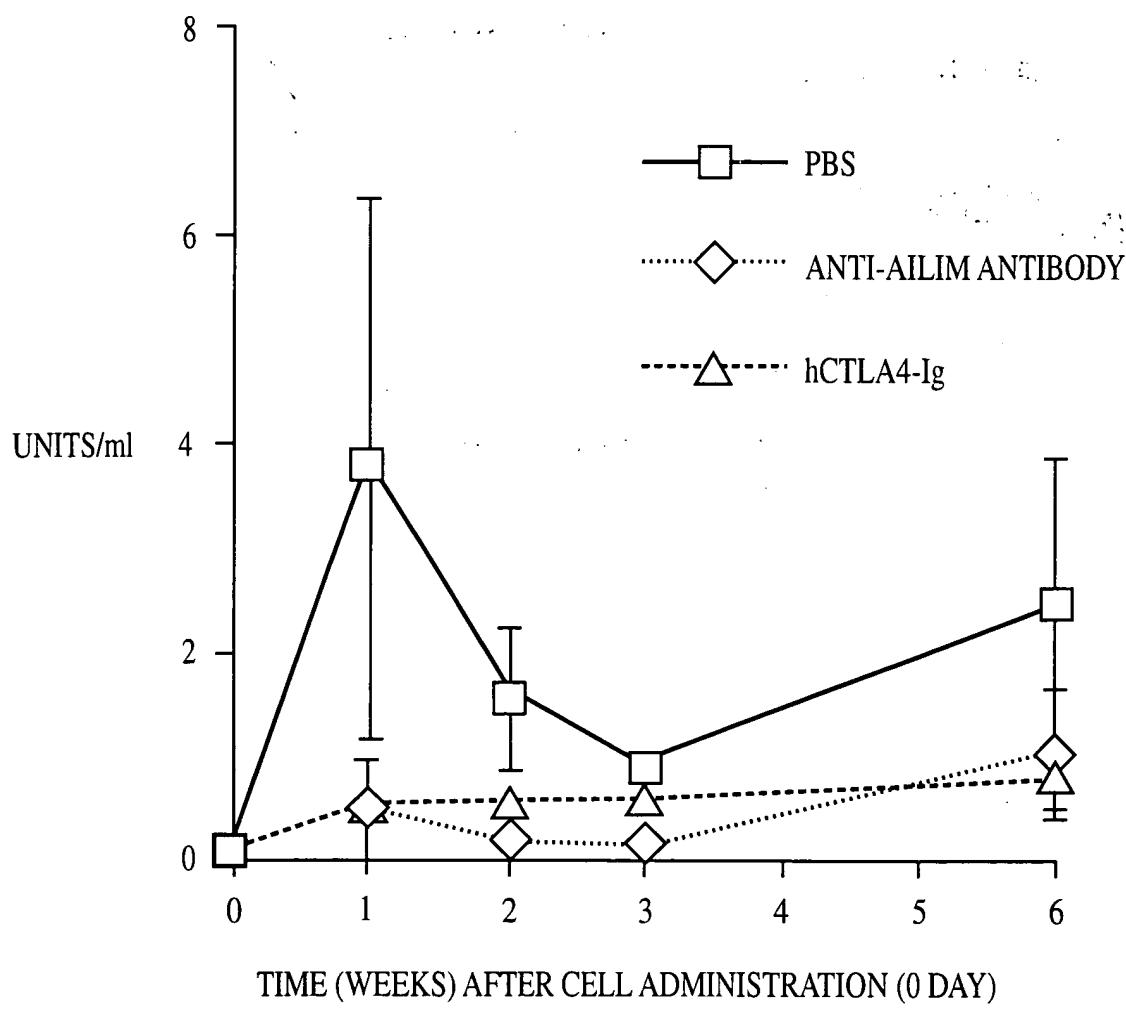
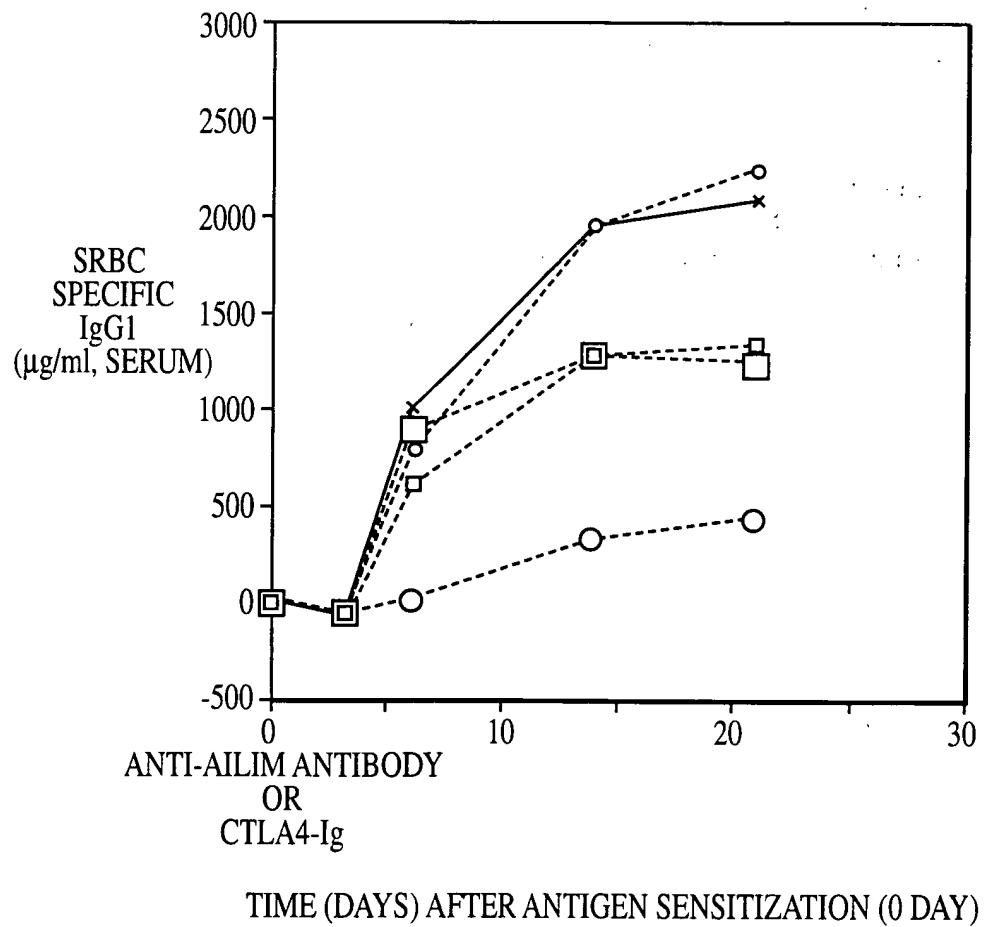


FIG. 20

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



TIME (DAYS) AFTER ANTIGEN SENSITIZATION (0 DAY)

- *— PBS
- CTLA4-Ig (500 $\mu\text{g}/\text{MOUSE}$; 0 DAY)
- CTLA4-Ig (50 $\mu\text{g}/\text{MOUSE}$; 0 DAY)
- ANTI-AILIM ANTIBODY (500 $\mu\text{g}/\text{MOUSE}$; 0 DAY)
- ANTI-AILIM ANTIBODY (50 $\mu\text{g}/\text{MOUSE}$; 0 DAY)

FIG. 21

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

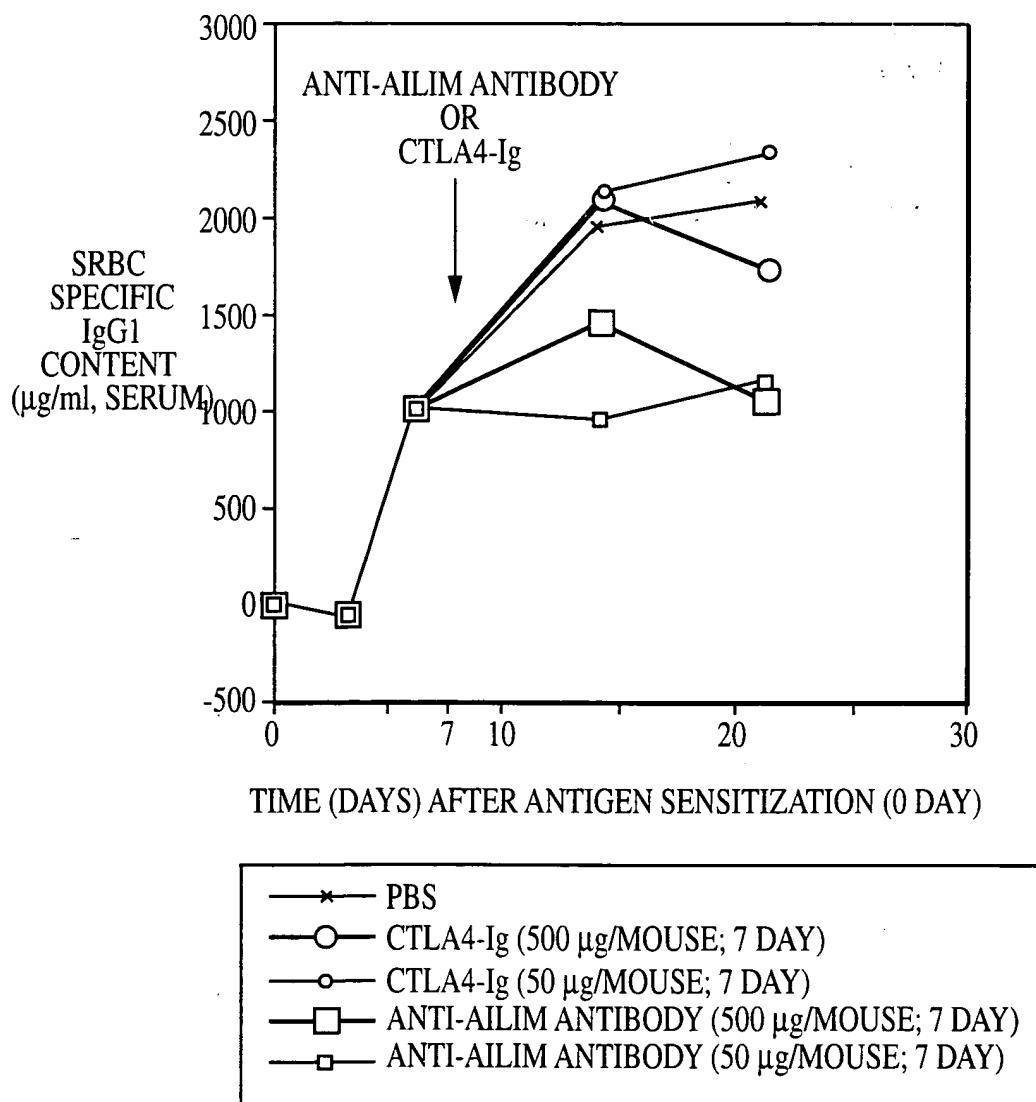
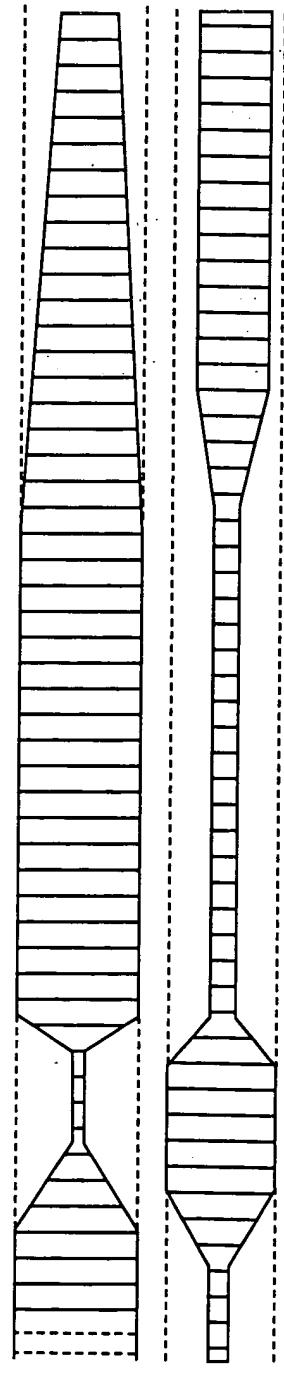


FIG. 22

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

(CENTER)	(PERIPHERY)	(LESION PARTS)
THYMUS	BLOOD	LYMPH NODE
		LIVER, JOINT, SWELLING LYMPHI NODE



CD28

AILIM
(ICOS)

FIG. 23

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

PERIPHERAL BLOOD T CELLS

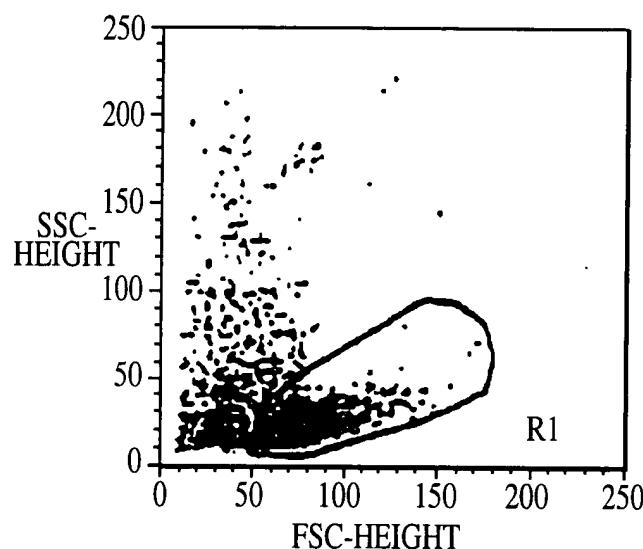


FIG. 24a

AILIM-POSITIVE CELLS

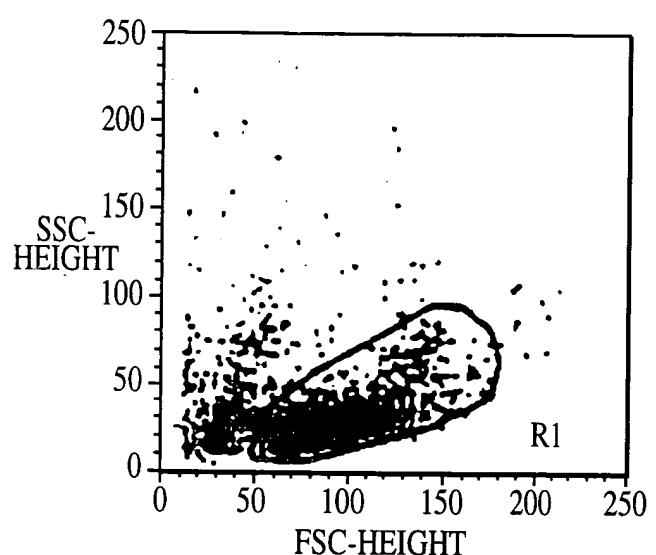


FIG. 24b

PERIPHERAL BLOOD T CELLS

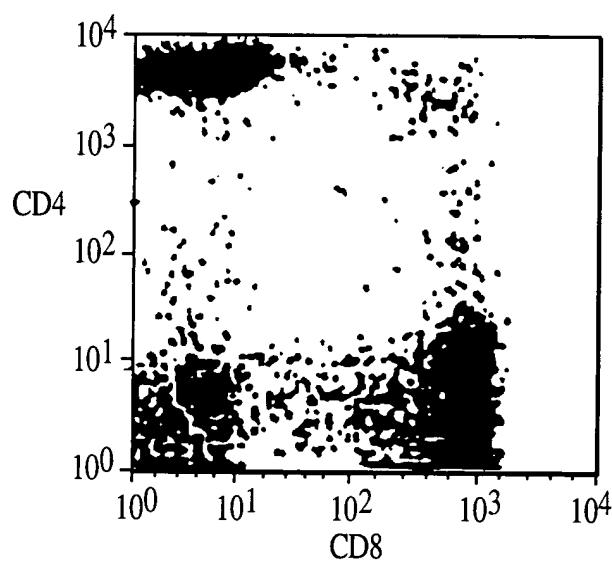


FIG. 24c

AILIM-POSITIVE CELLS

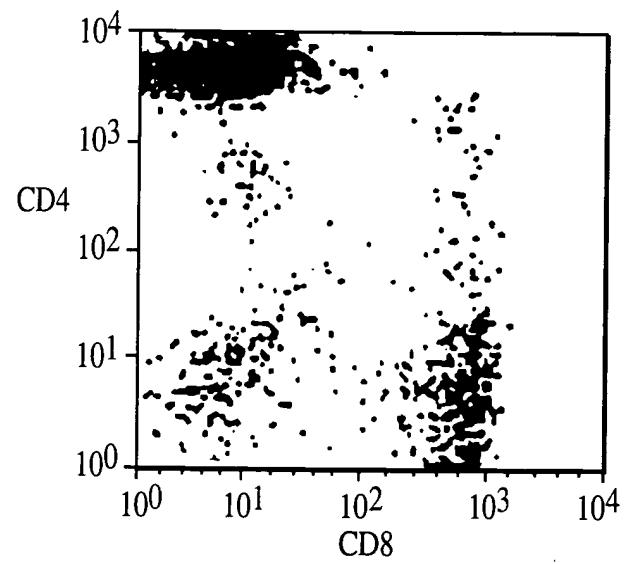


FIG. 24d

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PERIPHERAL BLOOD T CELLS

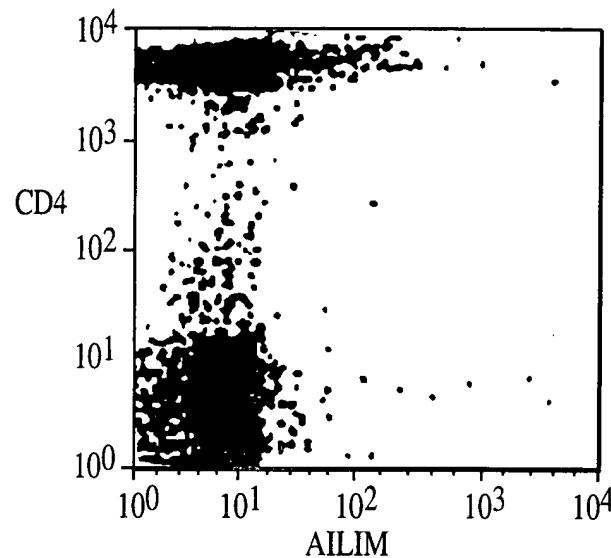


FIG. 24e

AILIM-POSITIVE CELLS

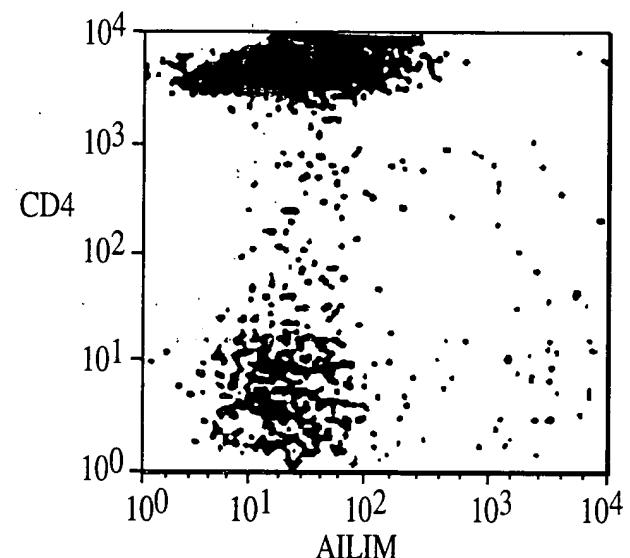


FIG. 24f

PERIPHERAL BLOOD T CELLS

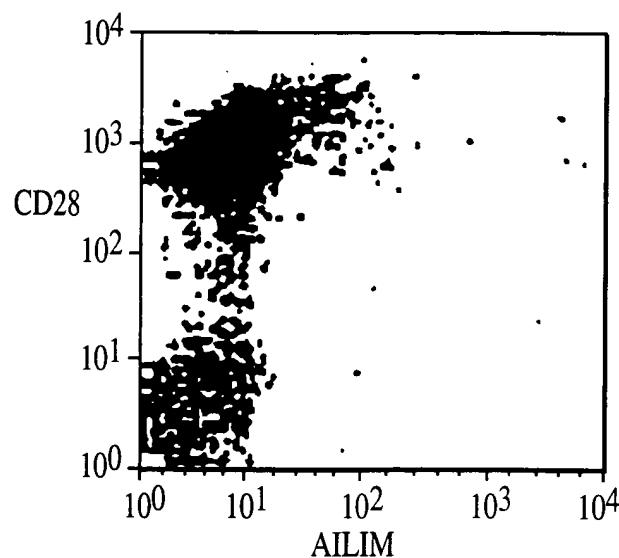


FIG. 24g

AILIM-POSITIVE CELLS

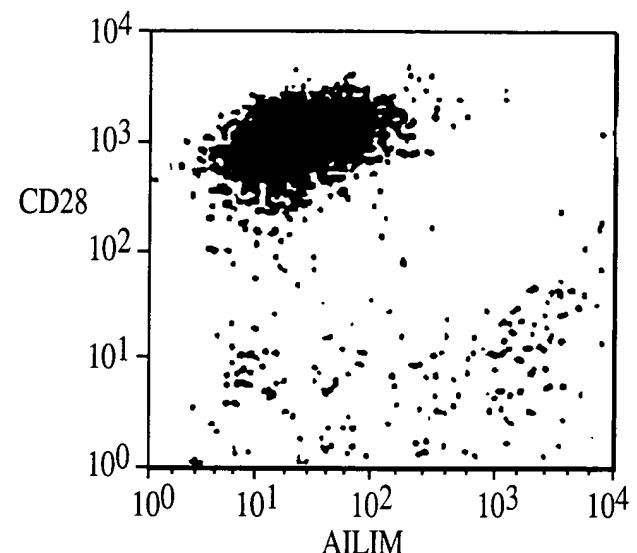


FIG. 24h

APPROVED	D.G. FIG,	
BY	CLASS	SUBCLASS
DRAFTSMAN		

PERIPHERAL BLOOD T CELLS

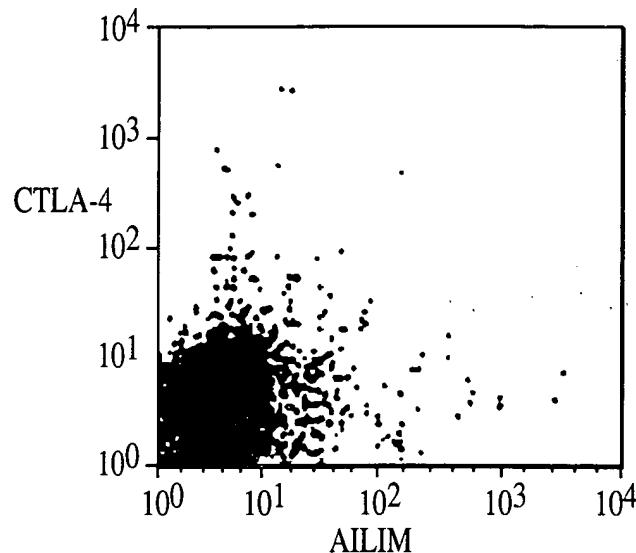


FIG. 24i

AILIM-POSITIVE CELLS

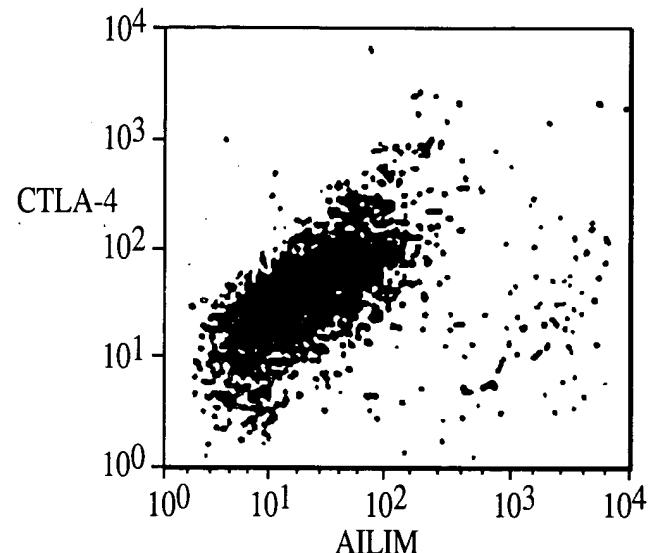


FIG. 24j

PERIPHERAL BLOOD T CELLS

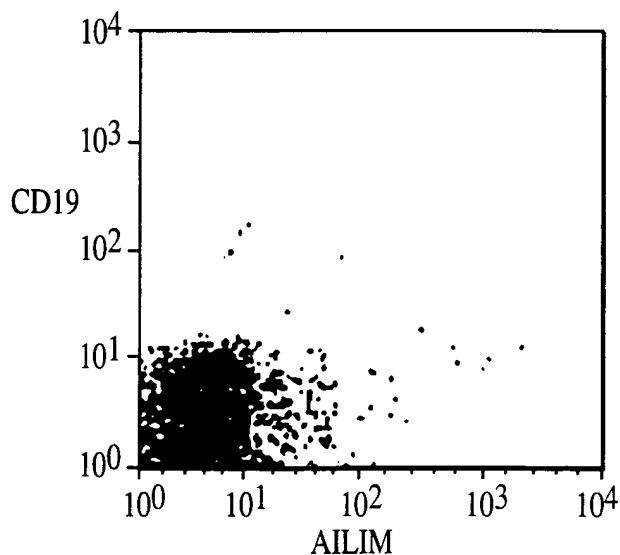


FIG. 24k

AILIM-POSITIVE CELLS

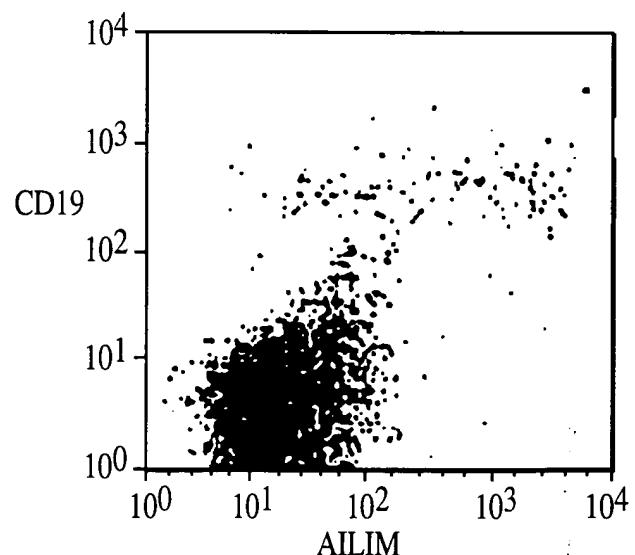


FIG. 24l

APPROVED	G.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN:		

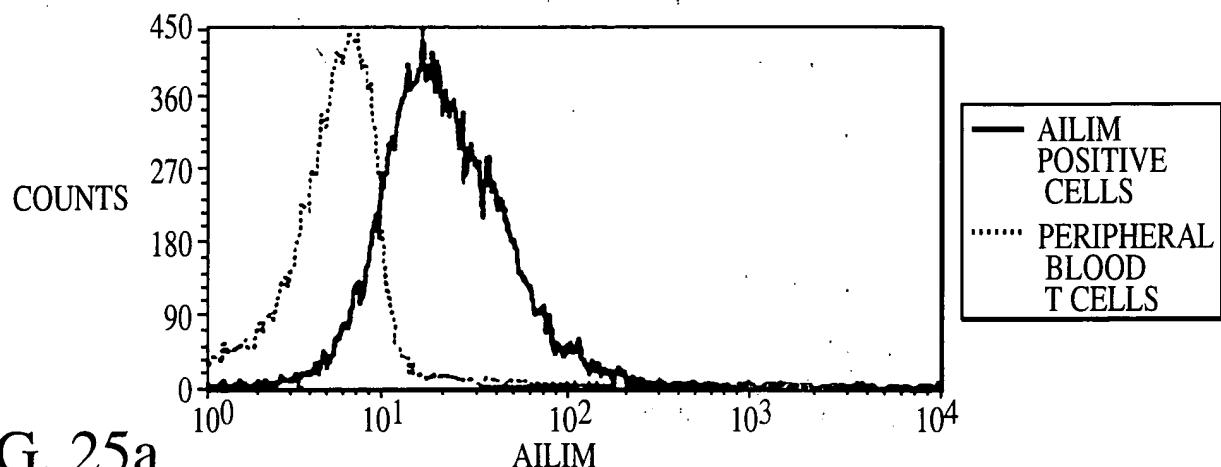


FIG. 25a

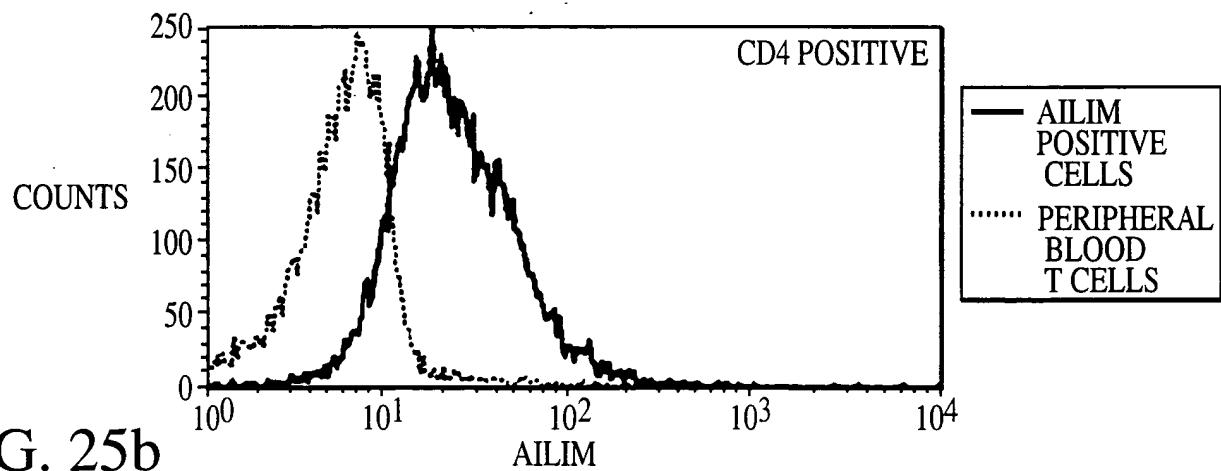


FIG. 25b

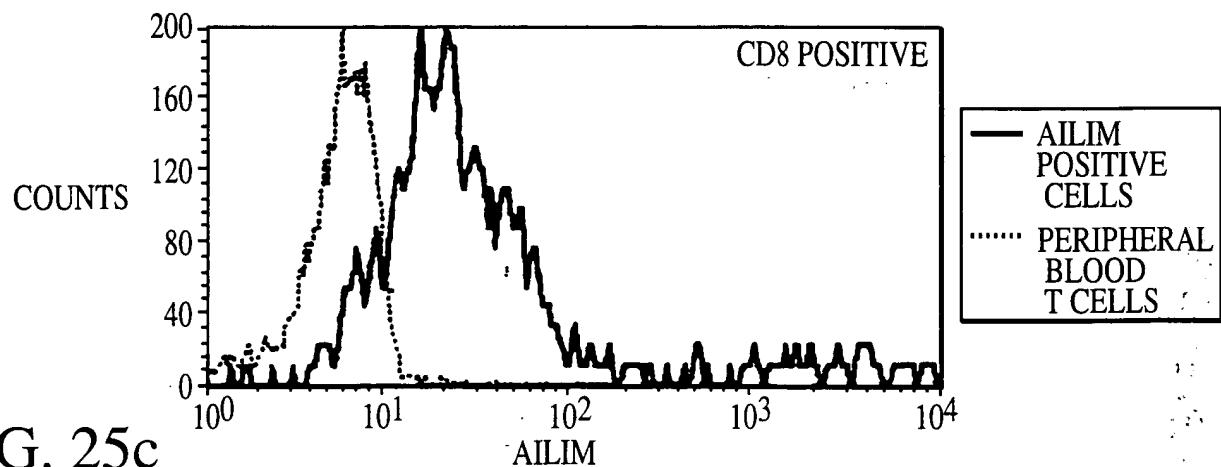


FIG. 25c

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	

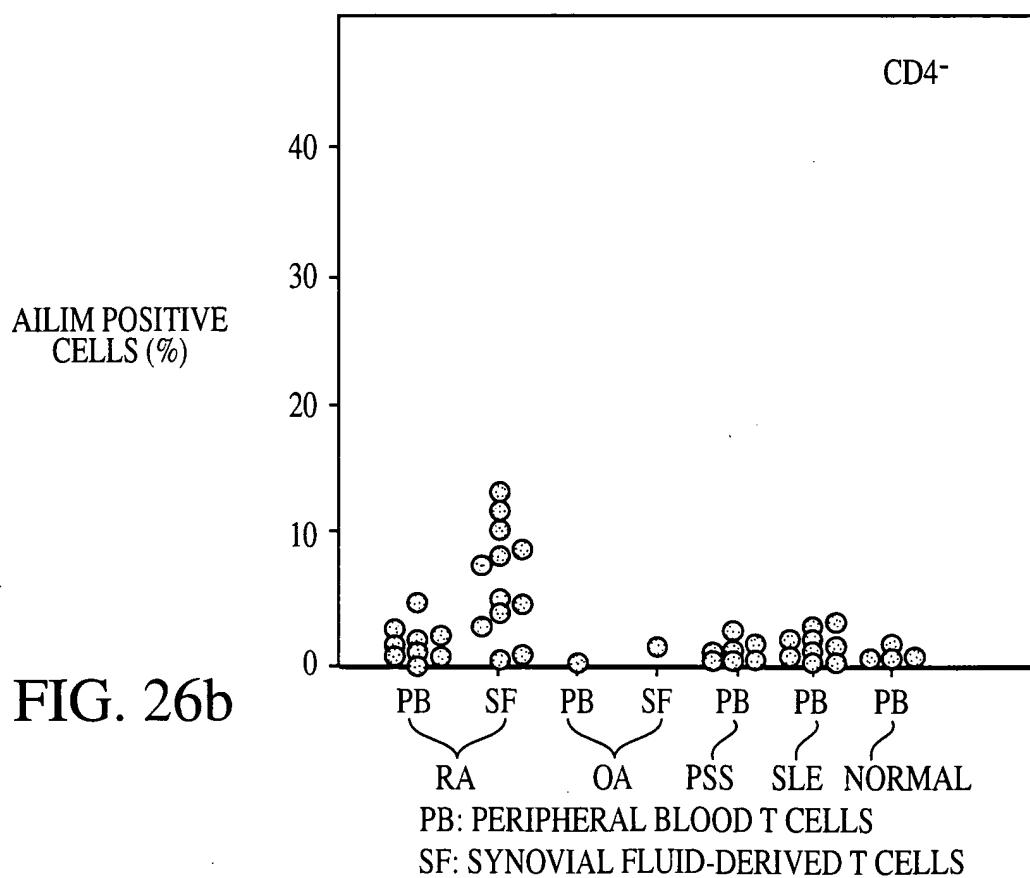
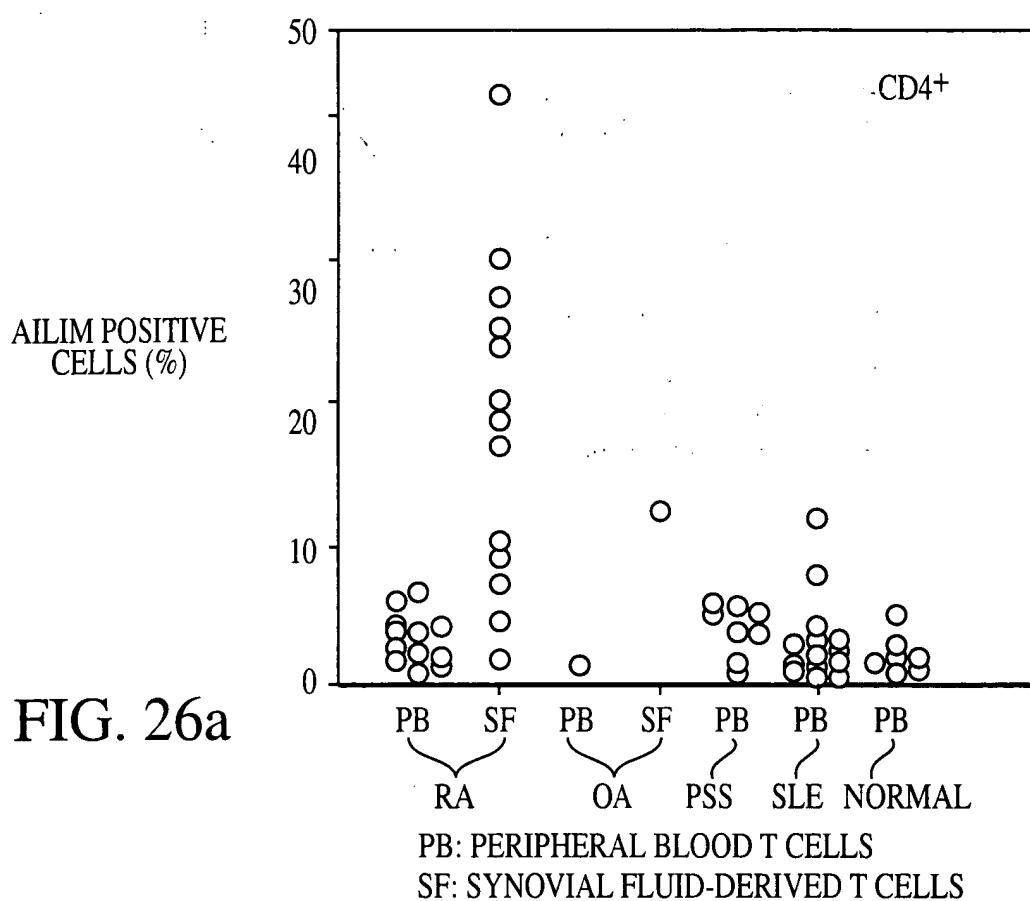


FIG. 26b

AILIM POSITIVE CELLS (%)

CD4⁺

FIG. 26a

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	

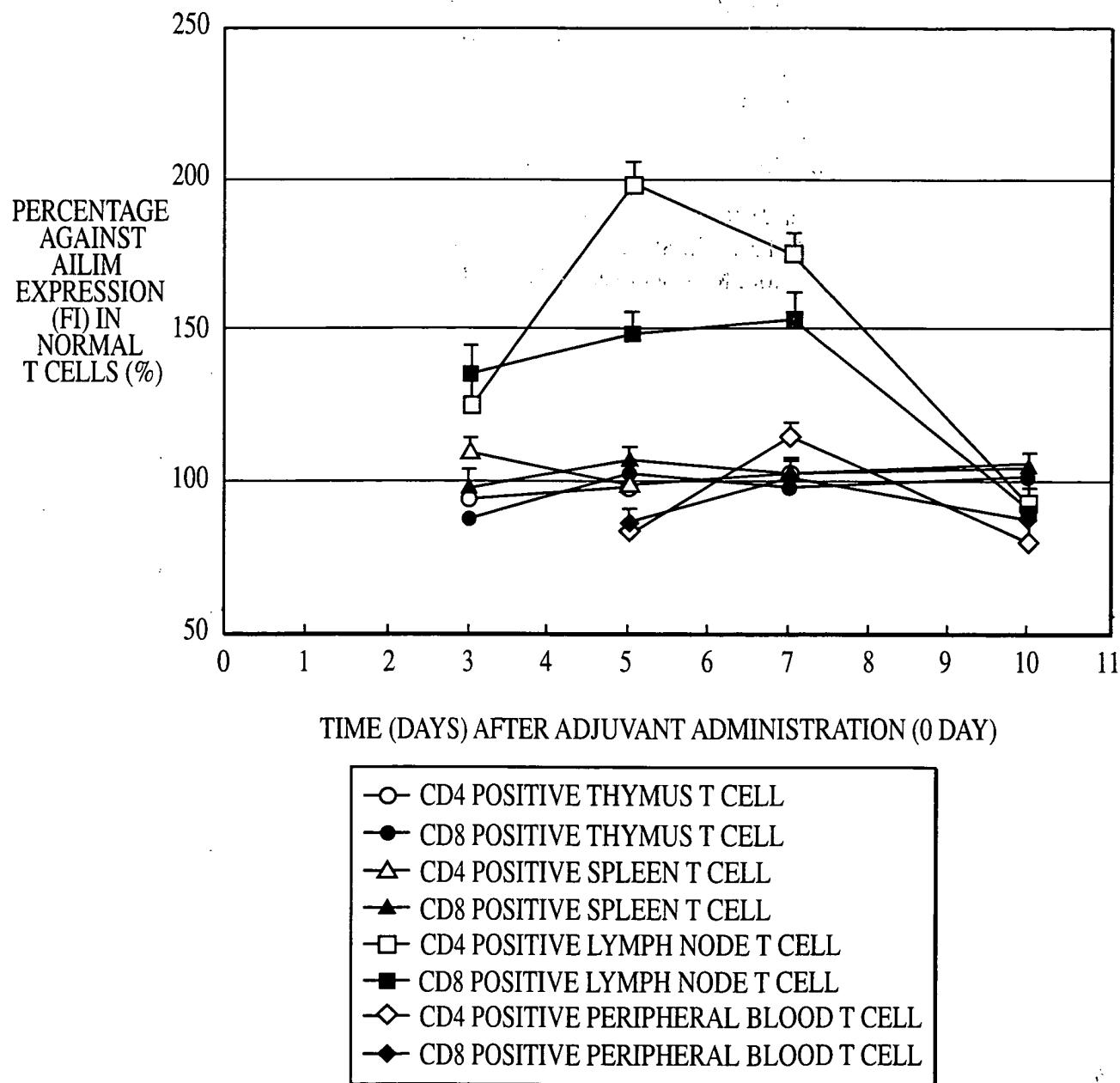


FIG. 27

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

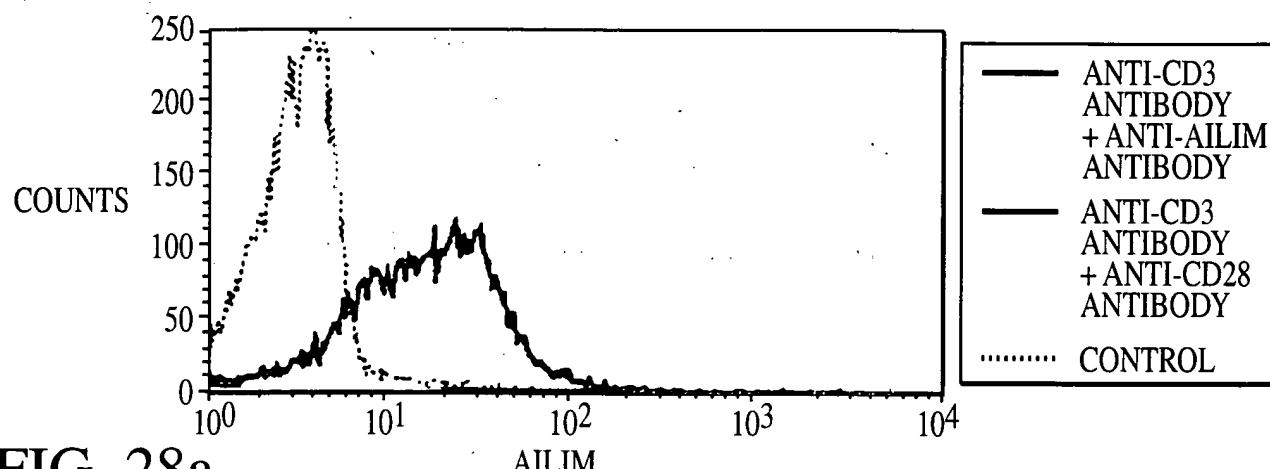


FIG. 28a

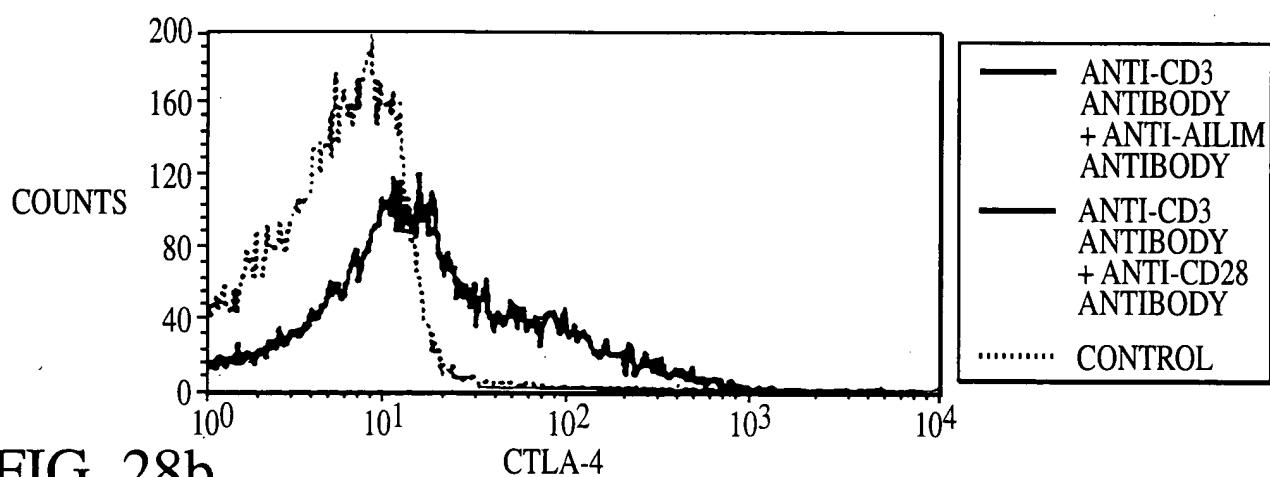


FIG. 28b

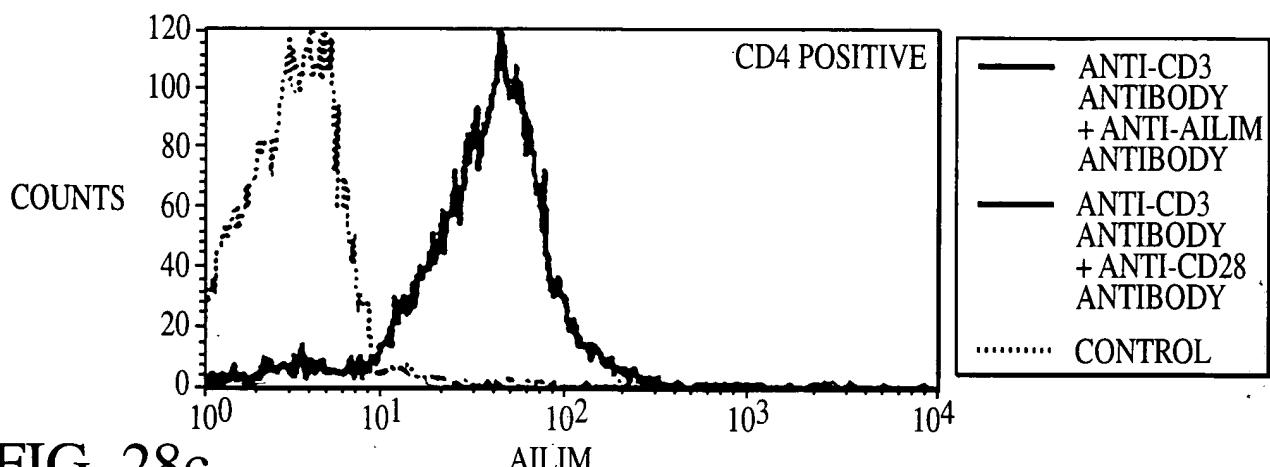


FIG. 28c

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

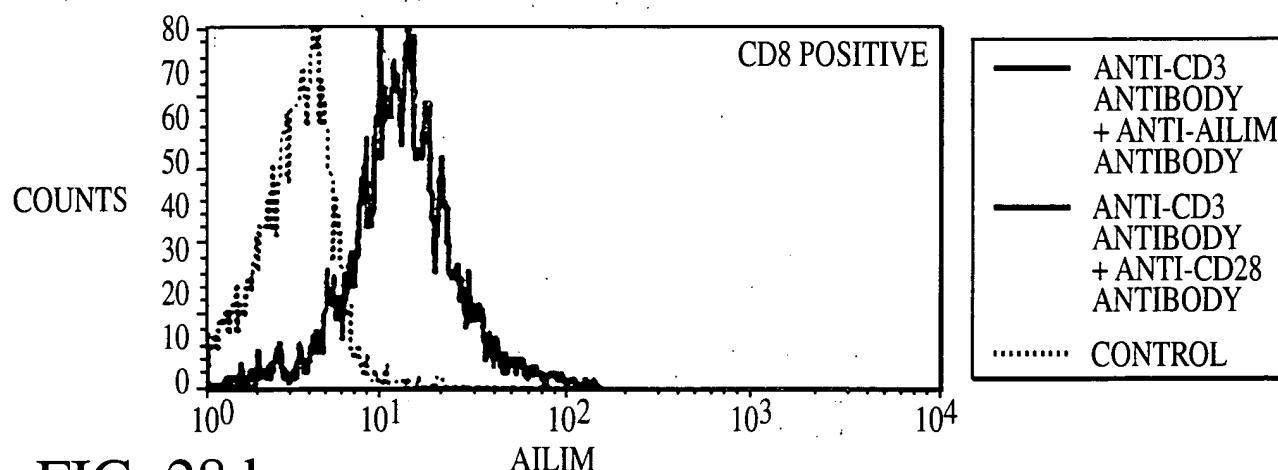


FIG. 28d

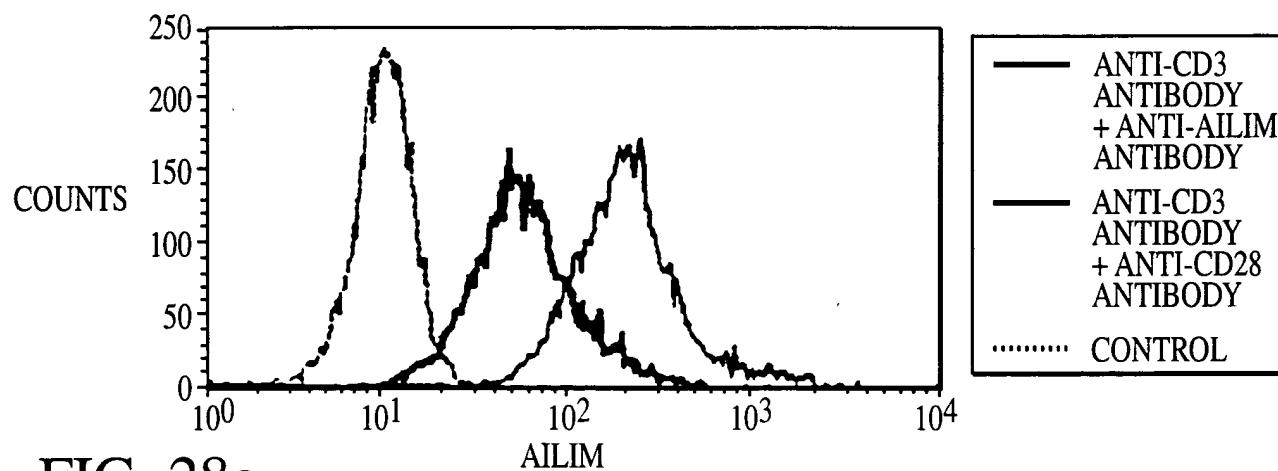


FIG. 28e

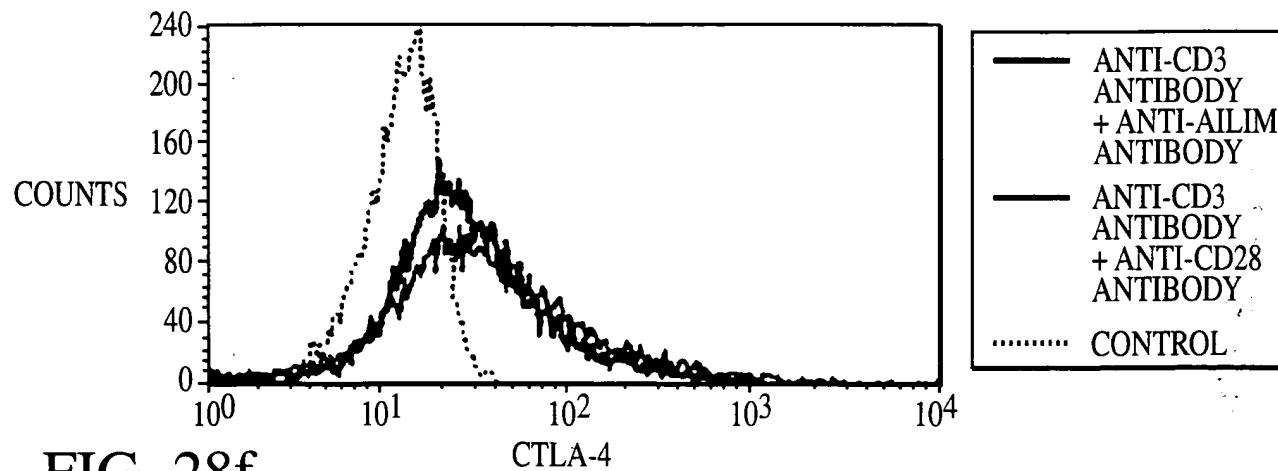


FIG. 28f

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

DONOR 1

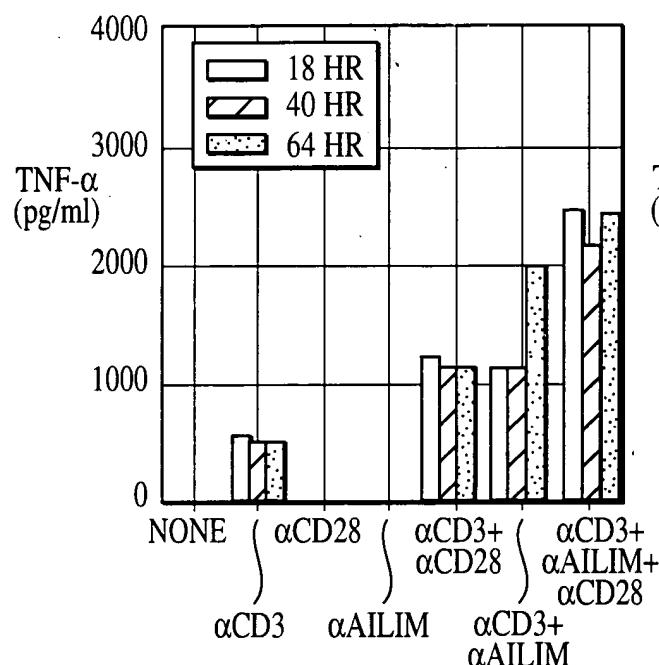


FIG. 29a

DONOR 2

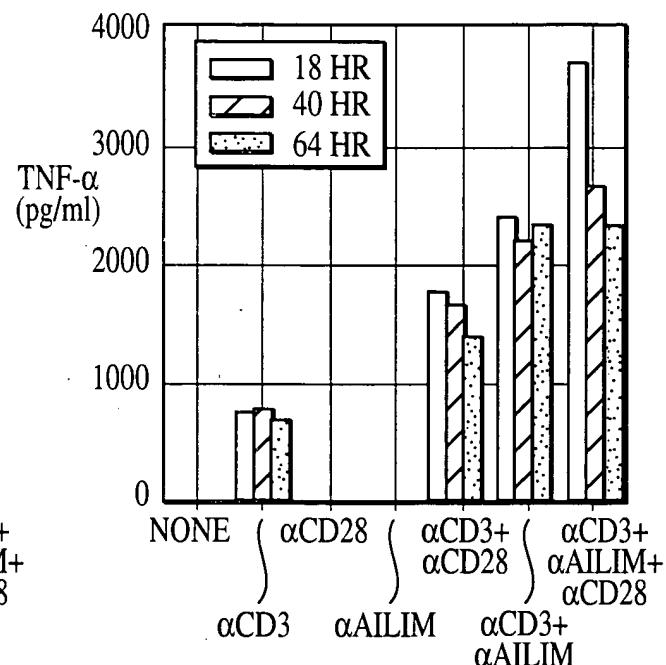


FIG. 29b

DONOR 1

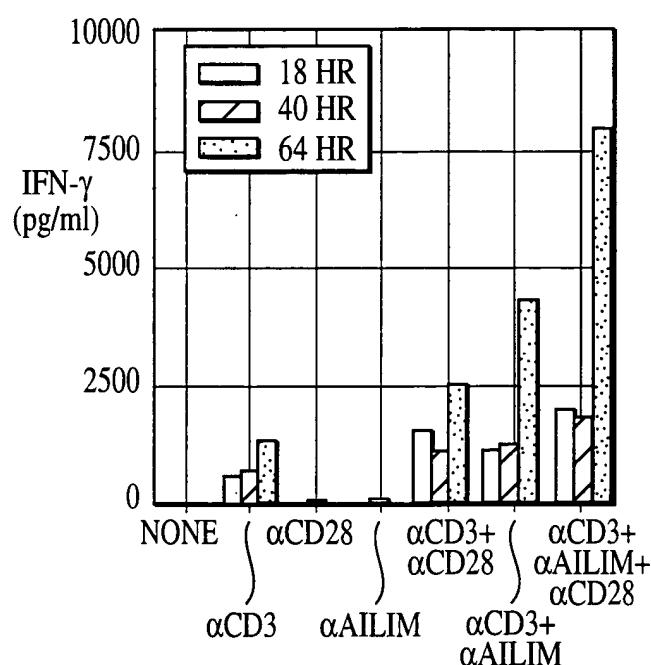


FIG. 29c

DONOR 2

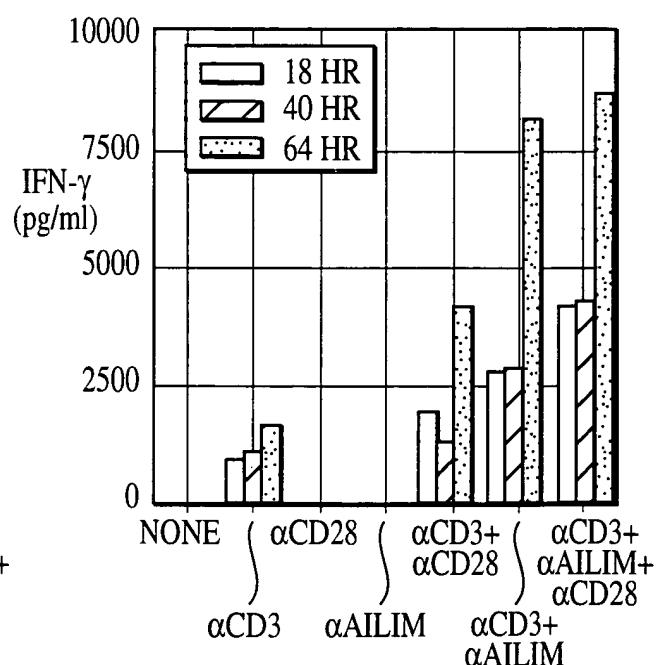


FIG. 29d

APPROVED	D.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

DONOR 1

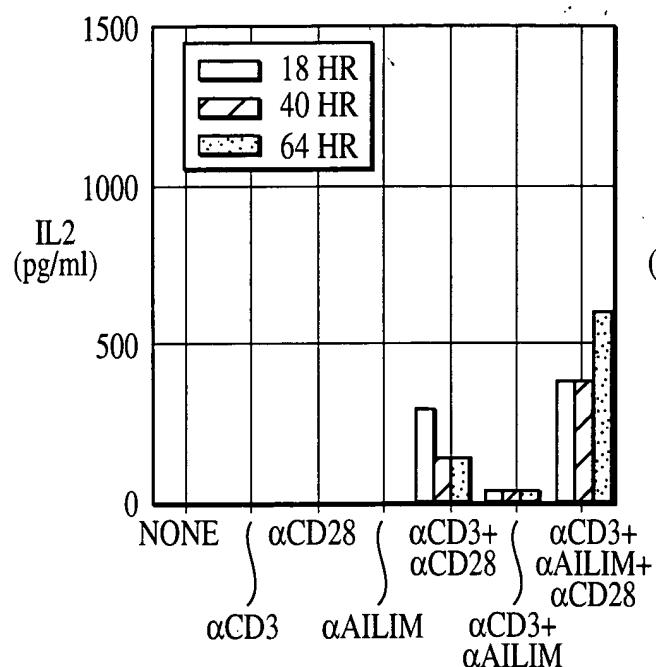


FIG. 29e

DONOR 2

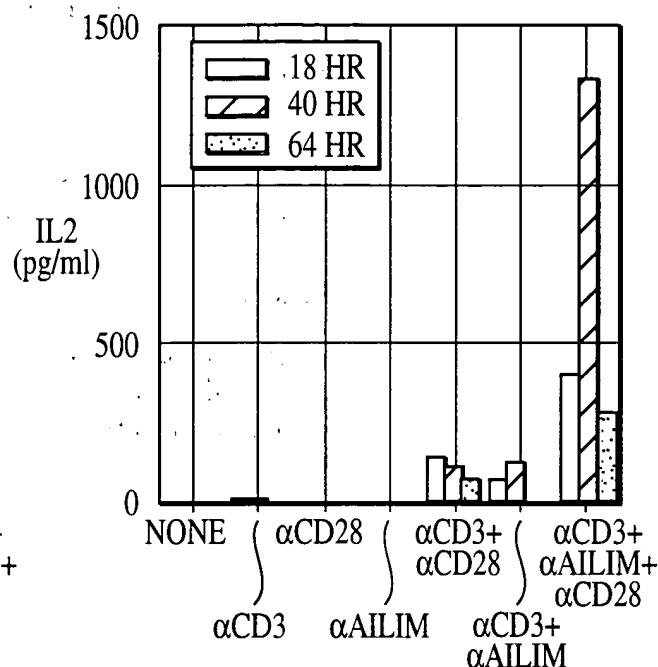


FIG. 29f

DONOR 1

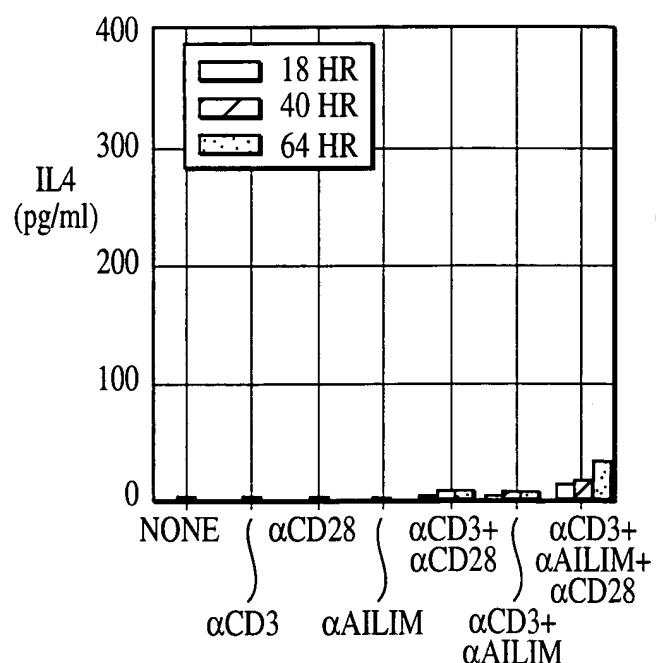


FIG. 29g

DONOR 2

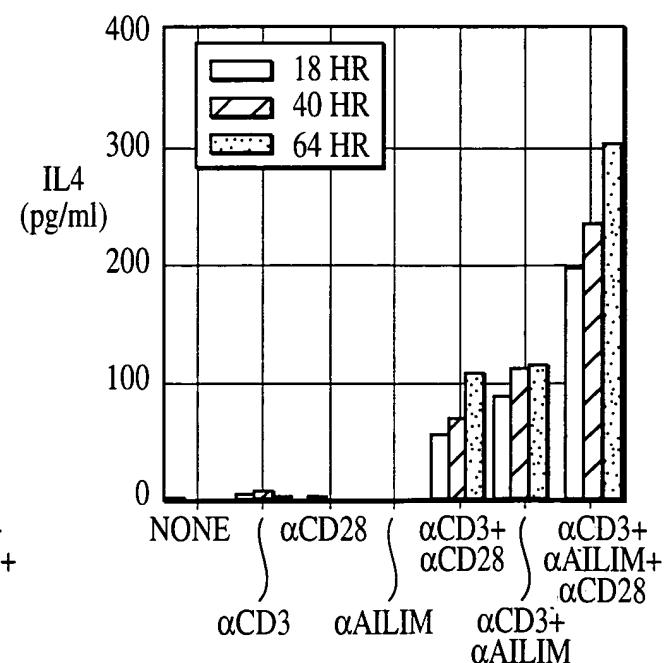


FIG. 29h

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

DONOR 1

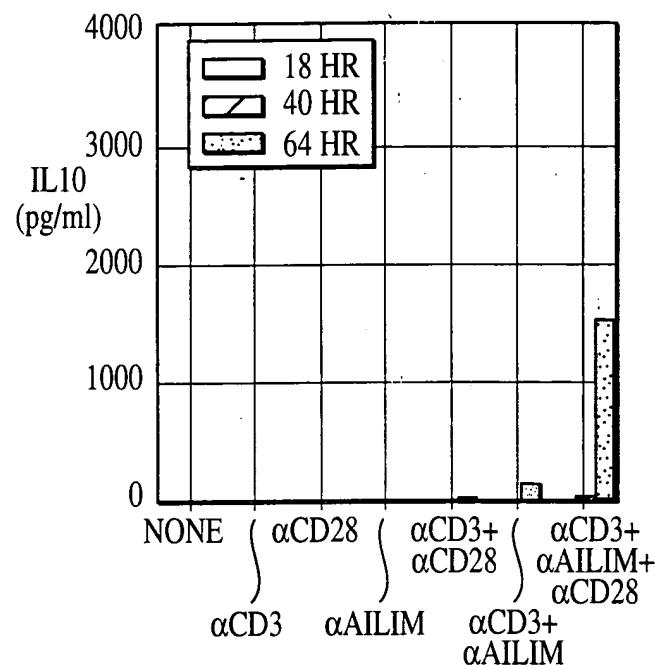


FIG. 29i

DONOR 2

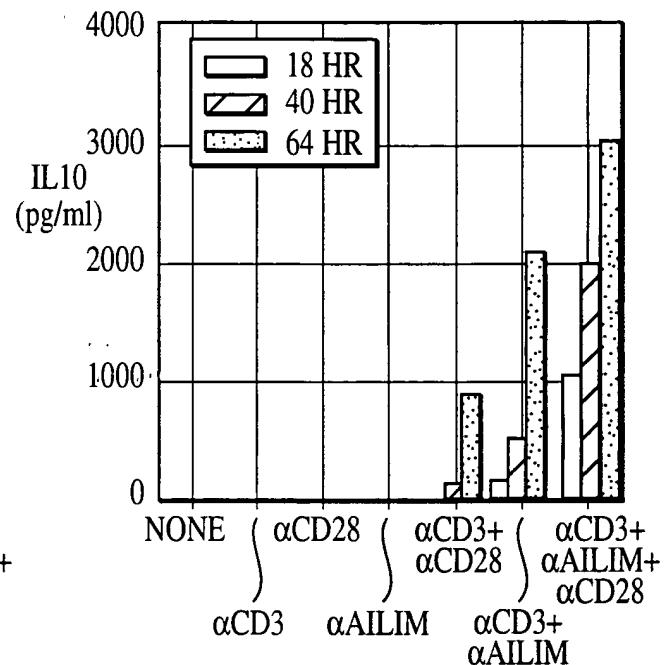


FIG. 29j

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

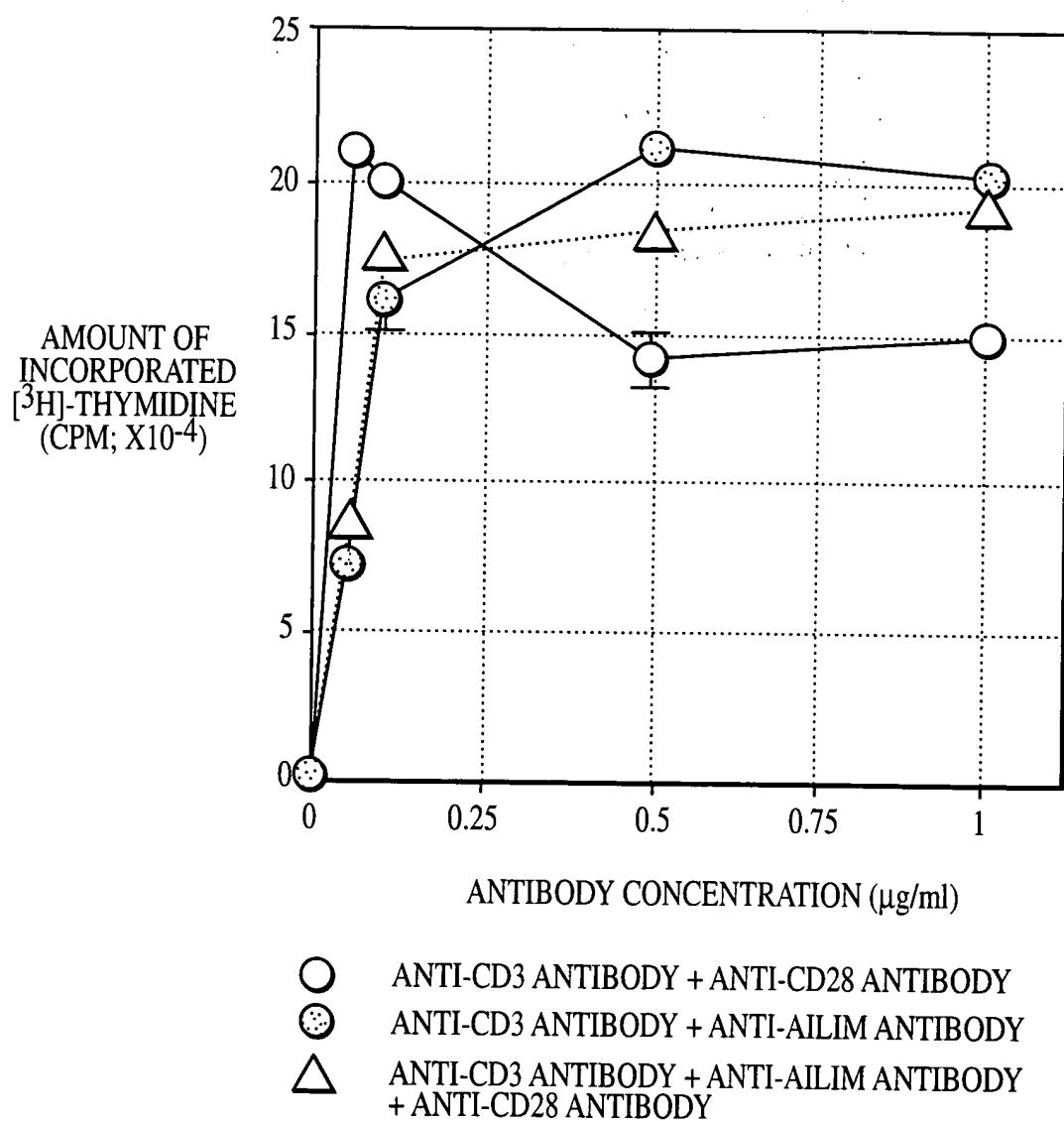


FIG. 30

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

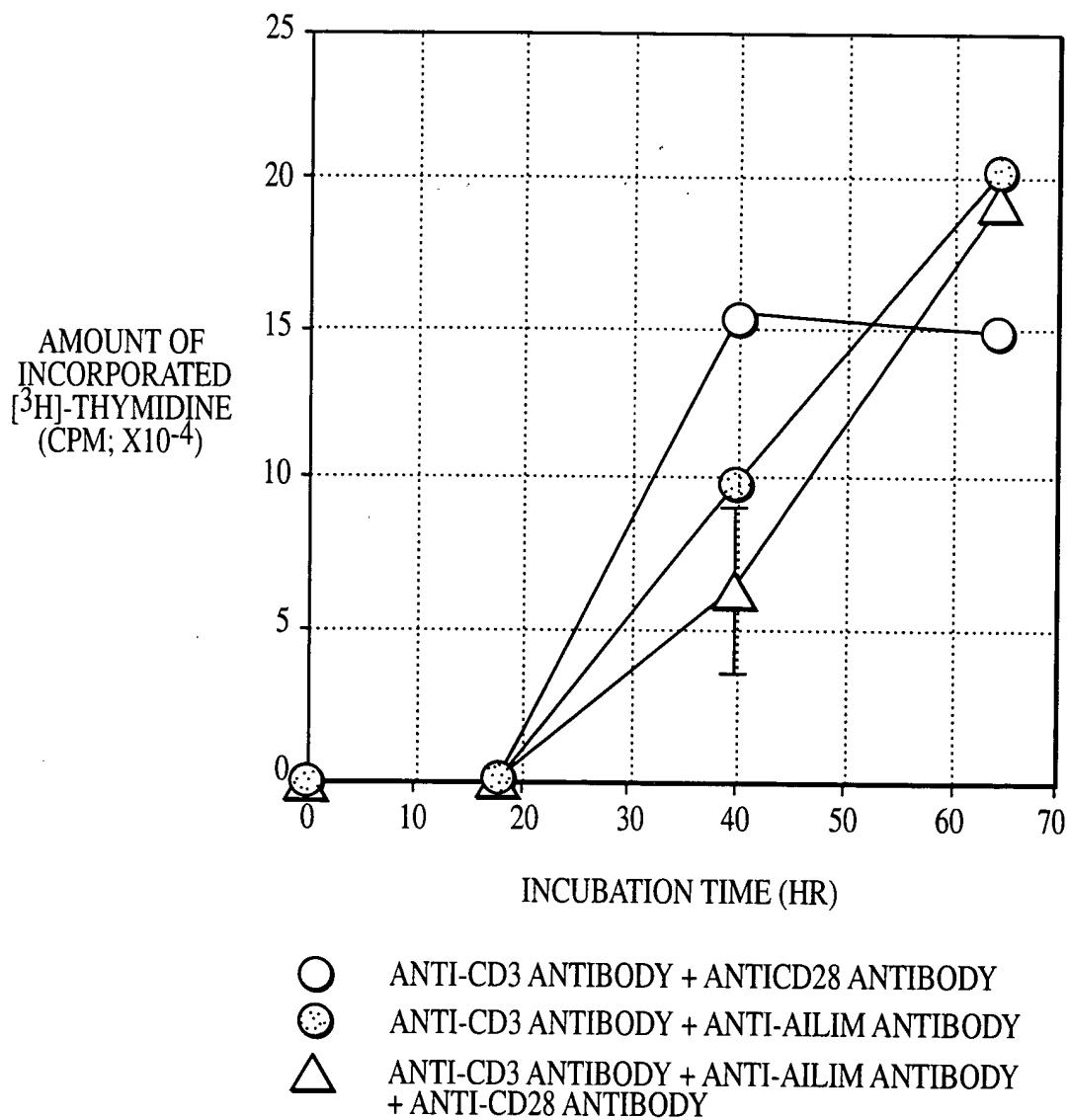


FIG. 31

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

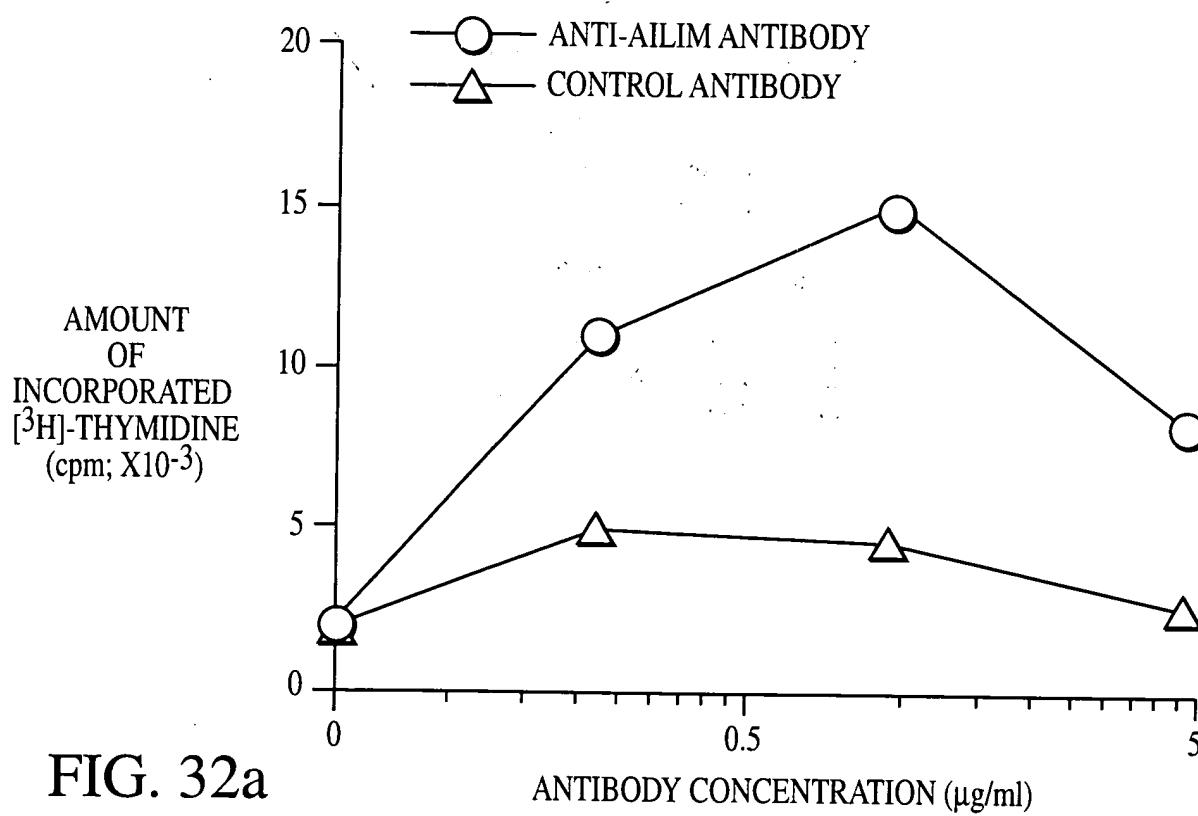


FIG. 32a

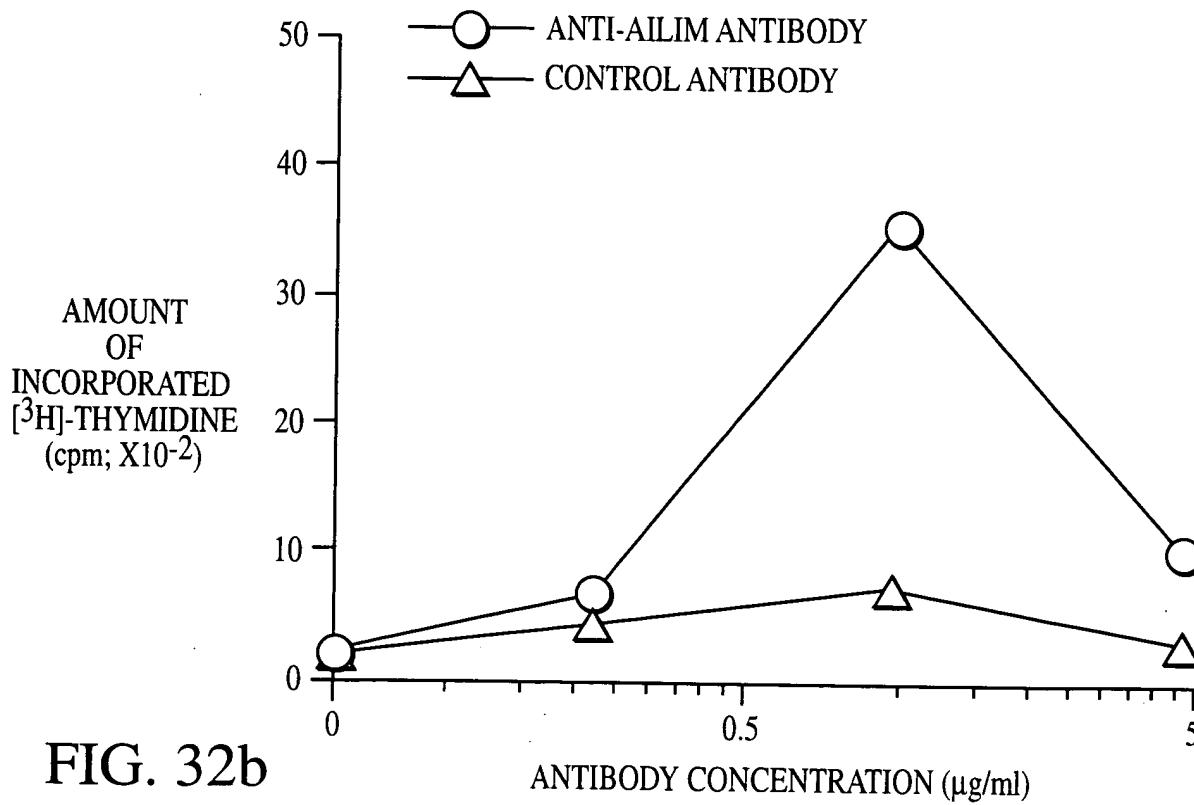


FIG. 32b

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

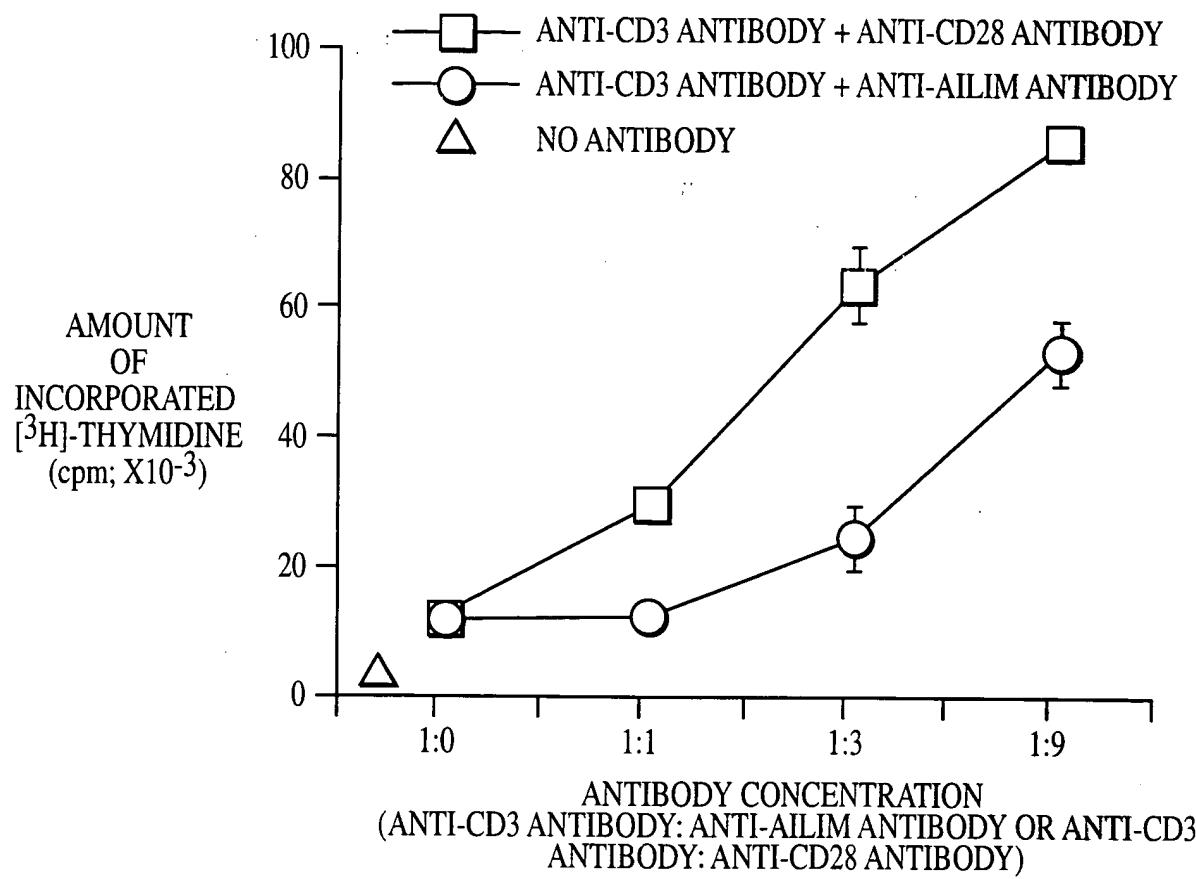


FIG. 33

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

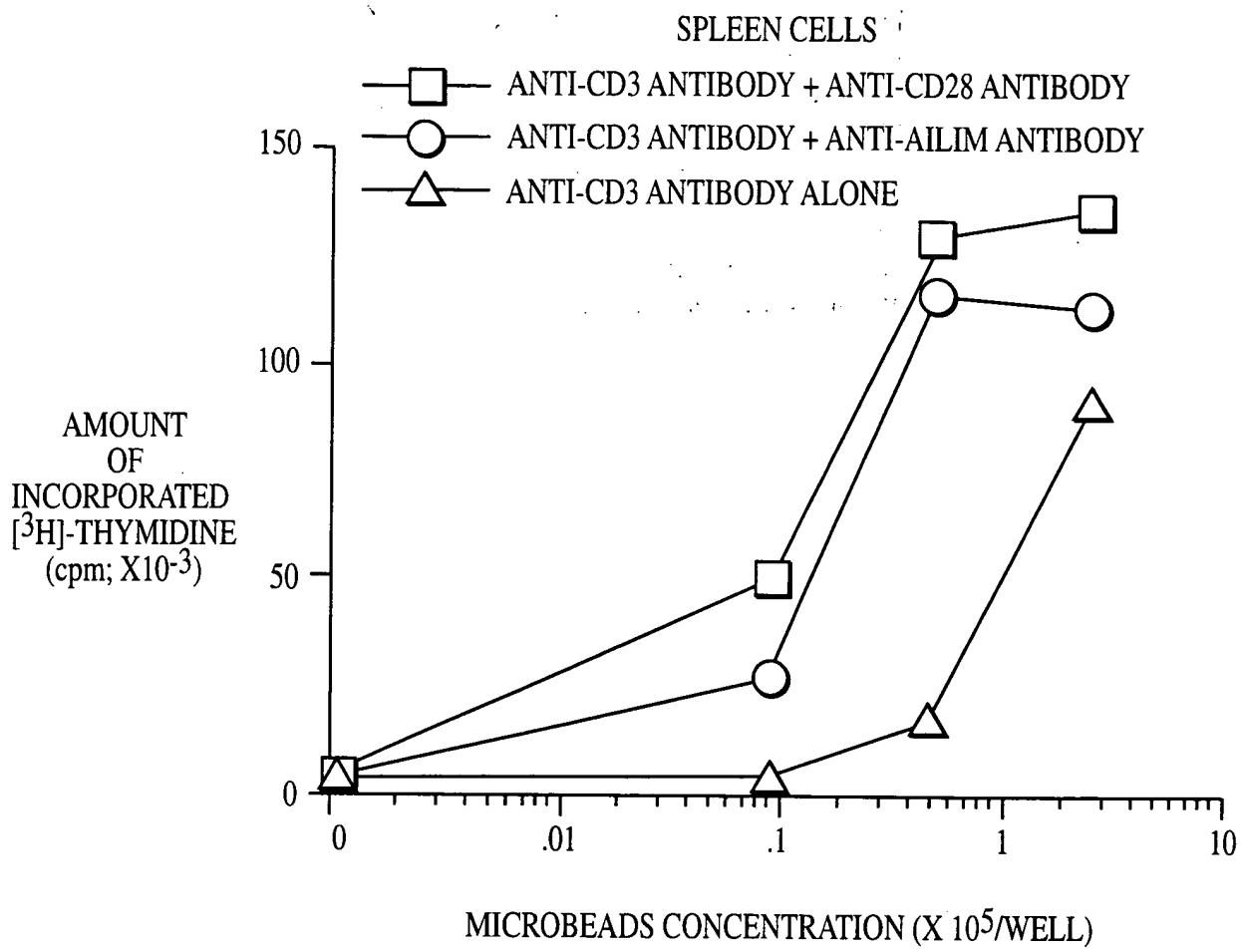


FIG. 34

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

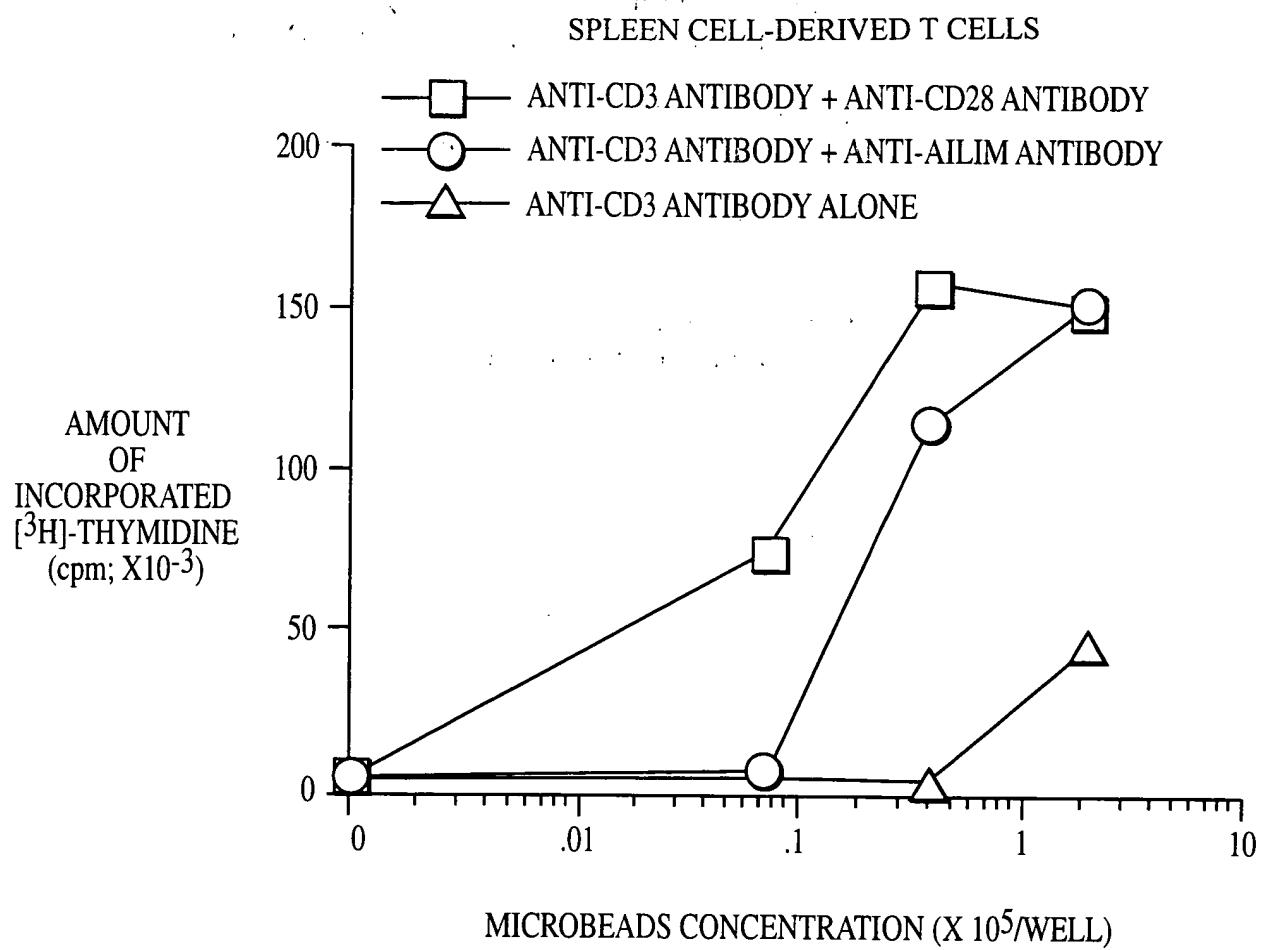


FIG. 35

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

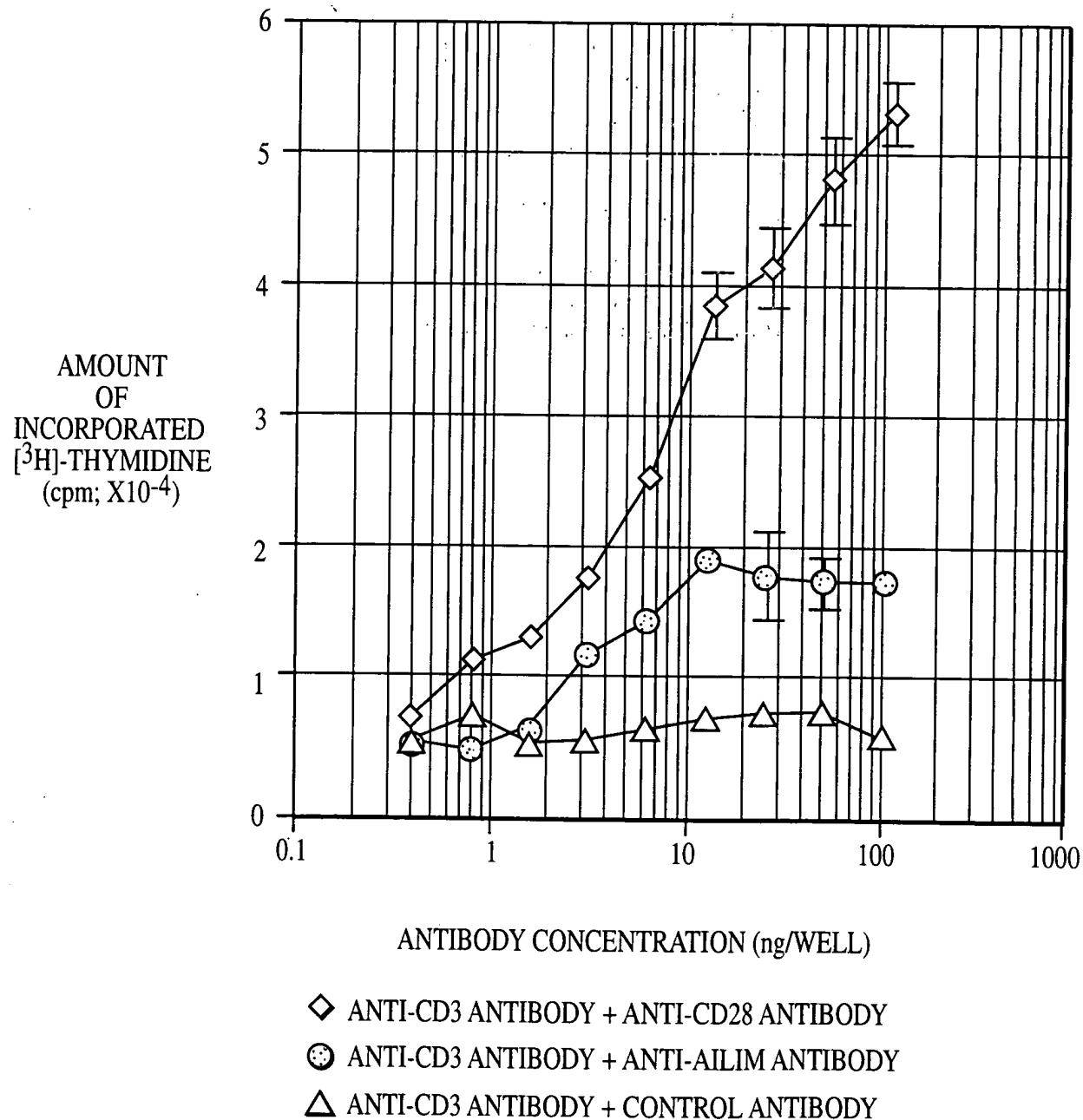


FIG. 36

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

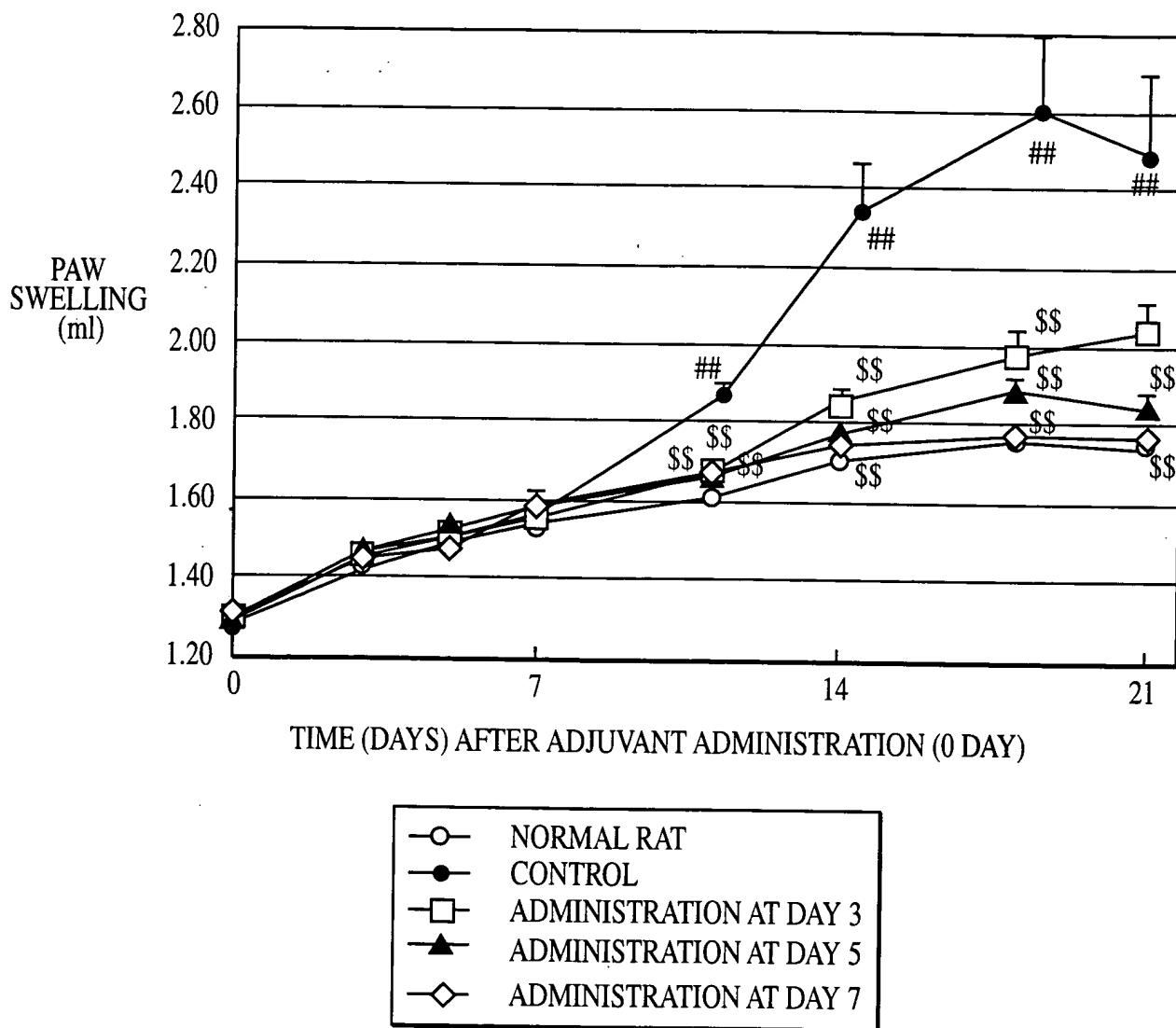


FIG. 37

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

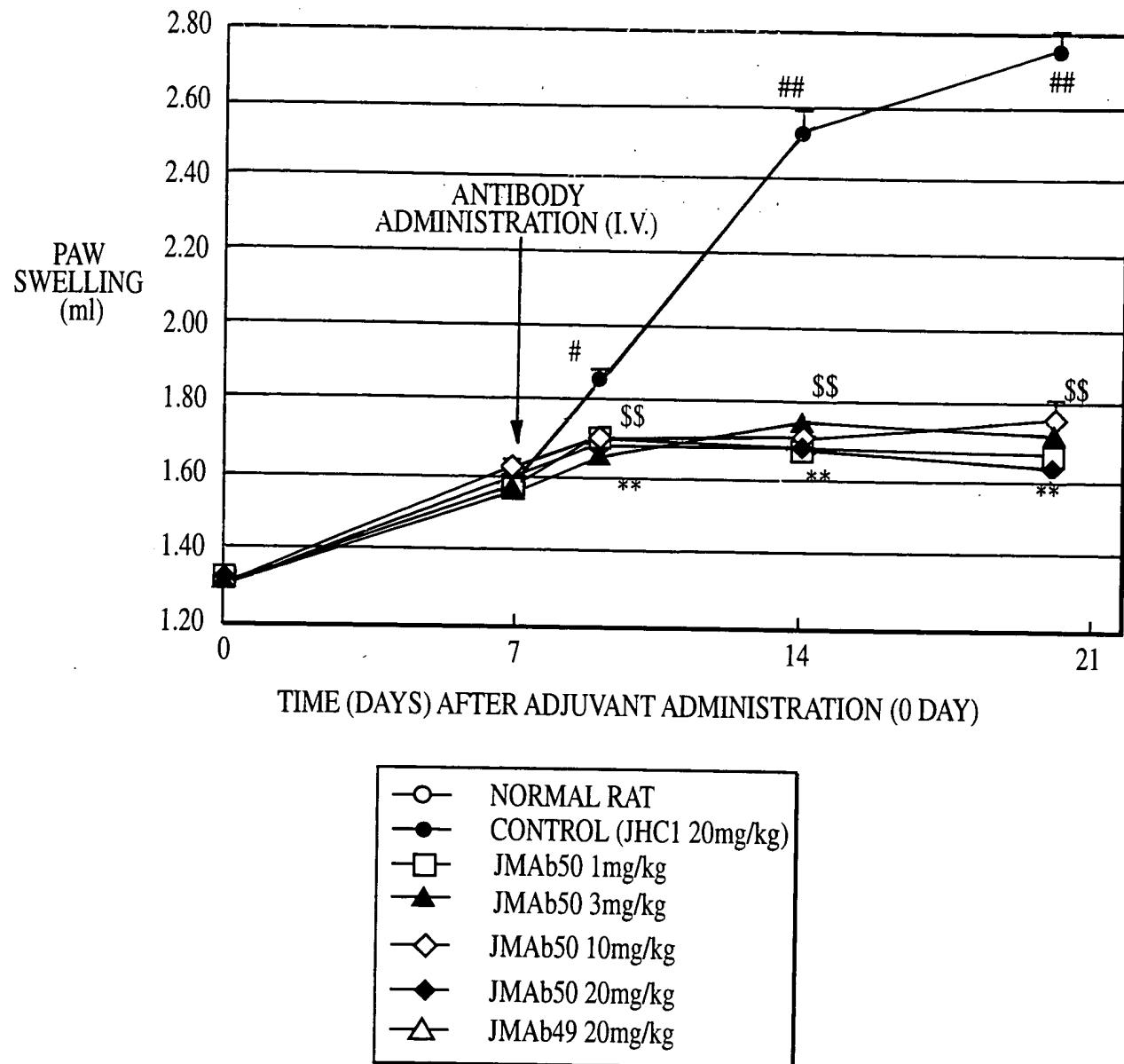


FIG. 38

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

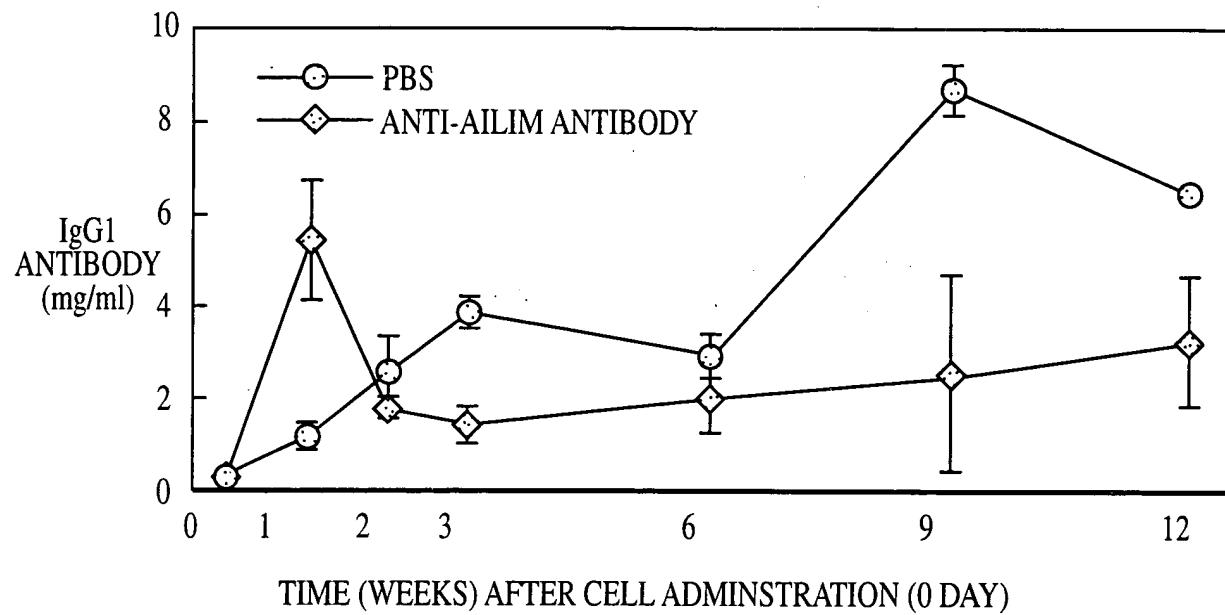


FIG. 39

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

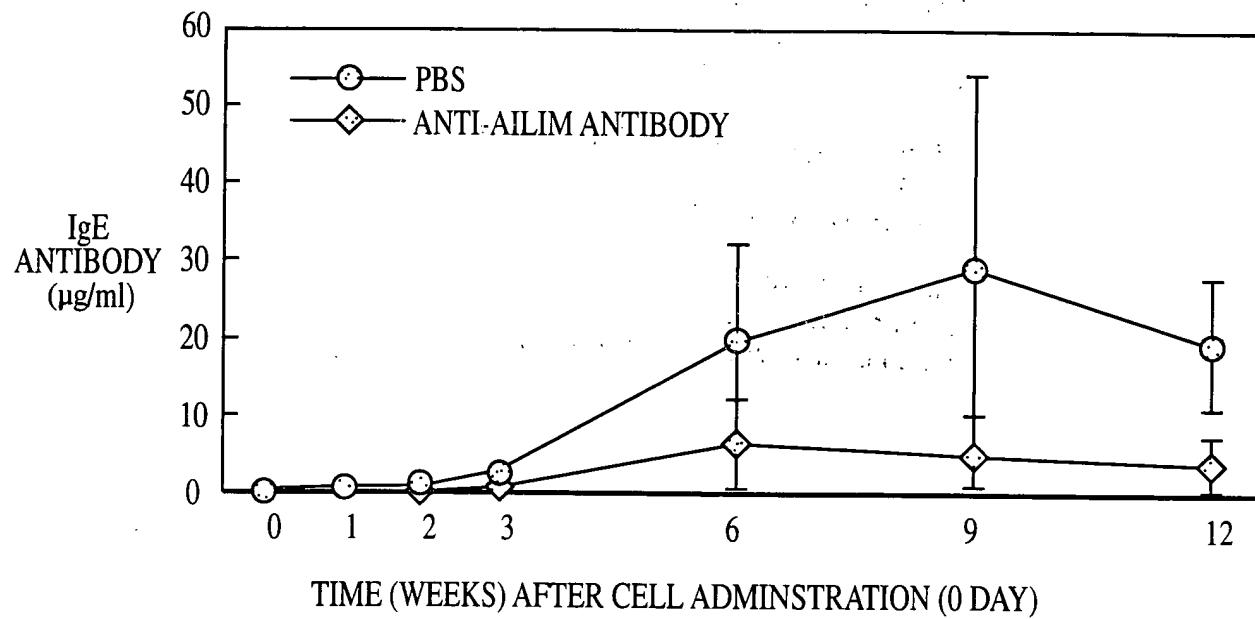


FIG. 40

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

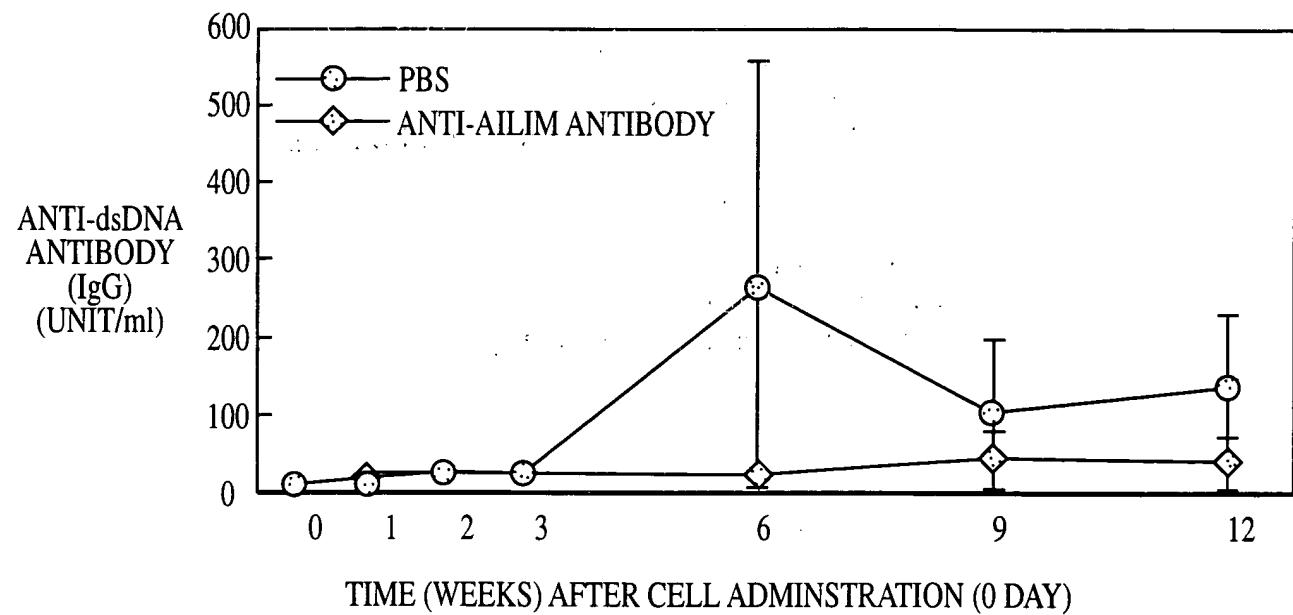


FIG. 41

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

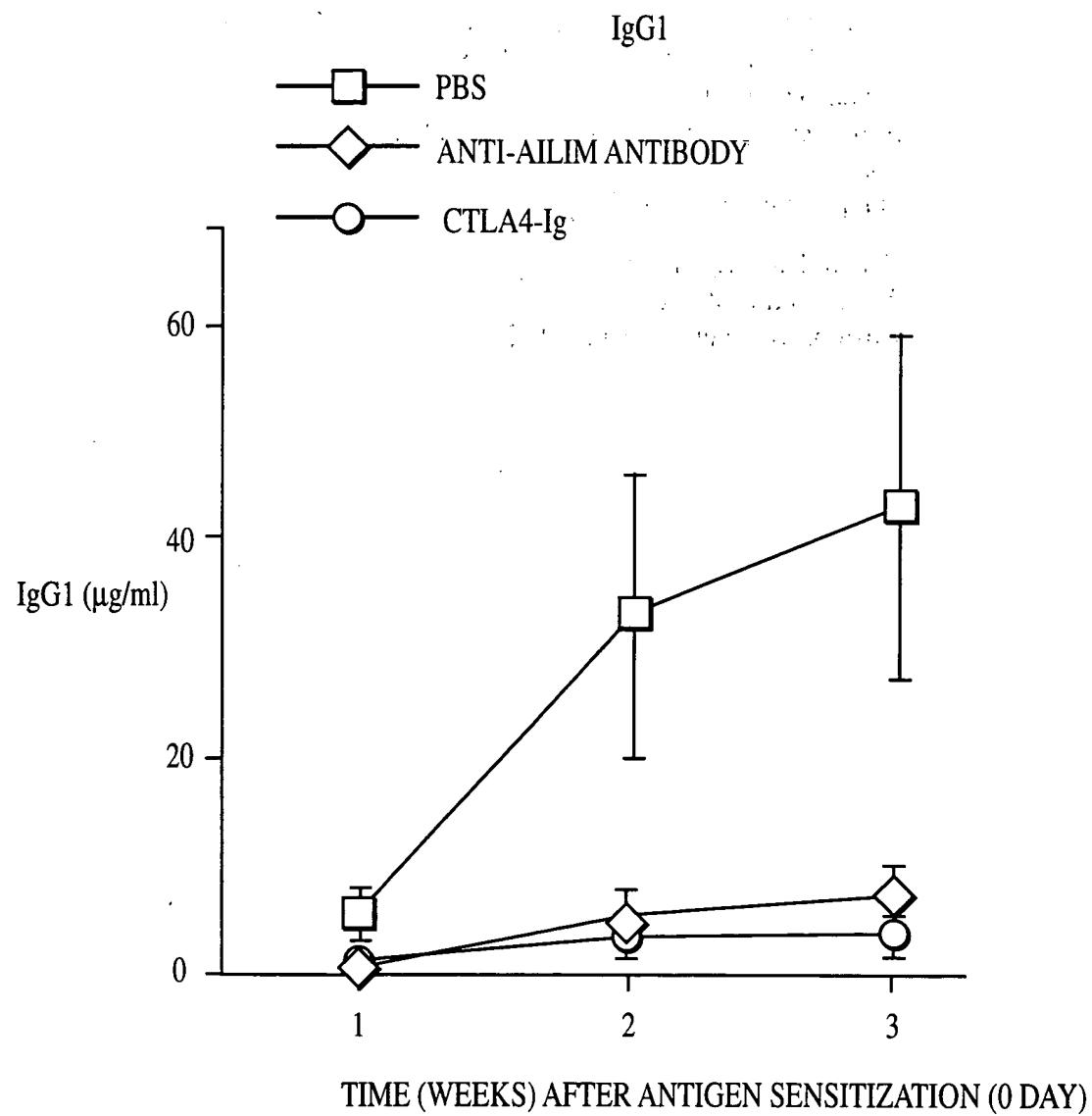


FIG. 42

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

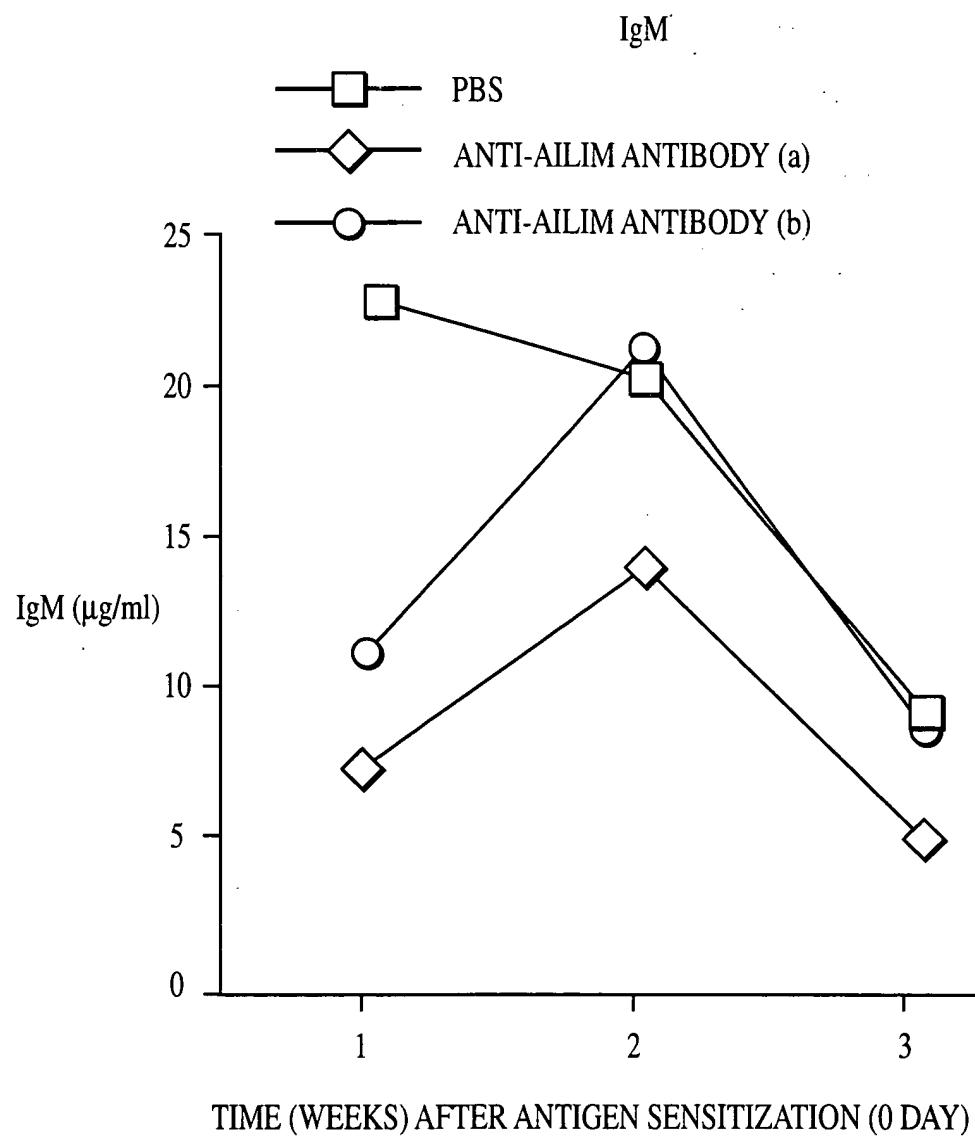


FIG. 43

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

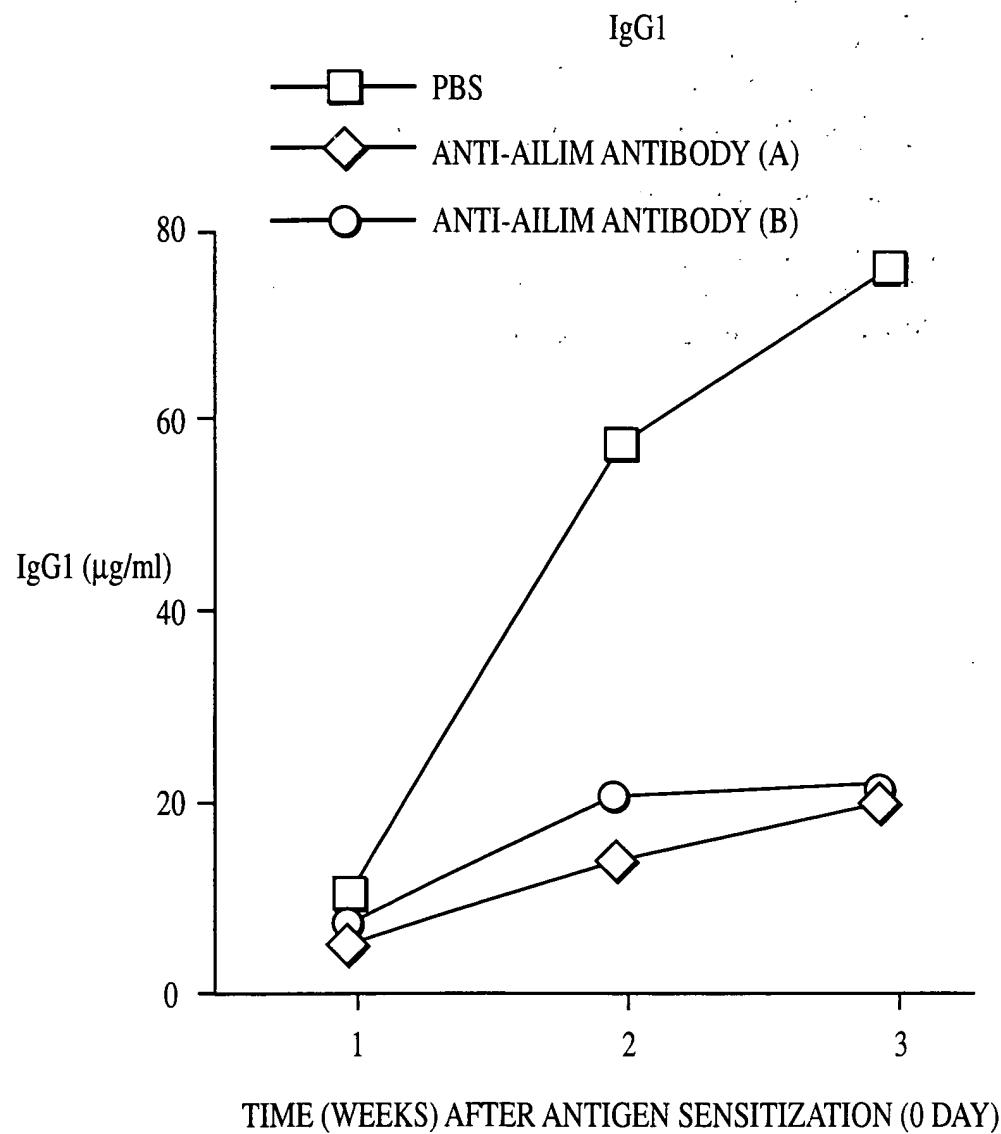


FIG. 44

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

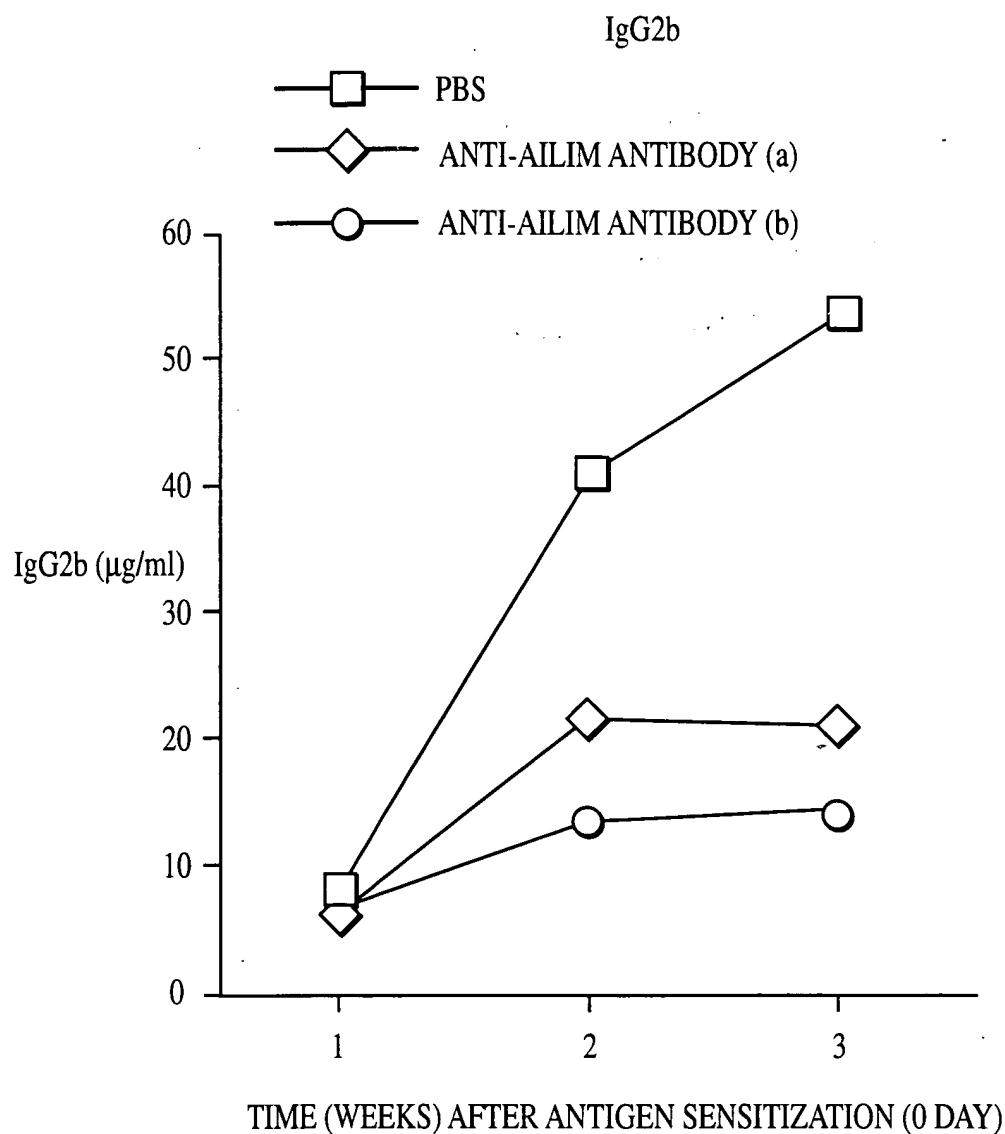


FIG. 45

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTER		

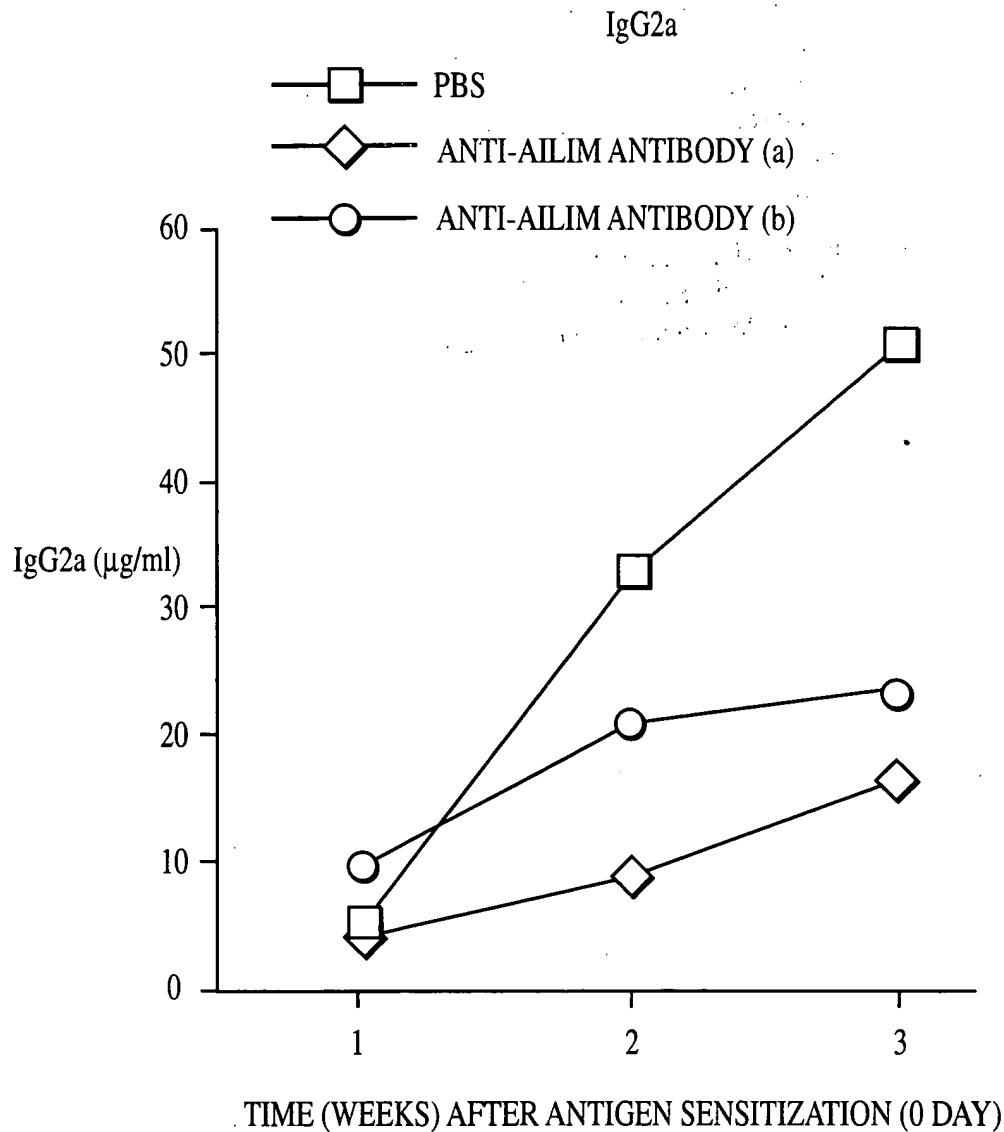


FIG. 46

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

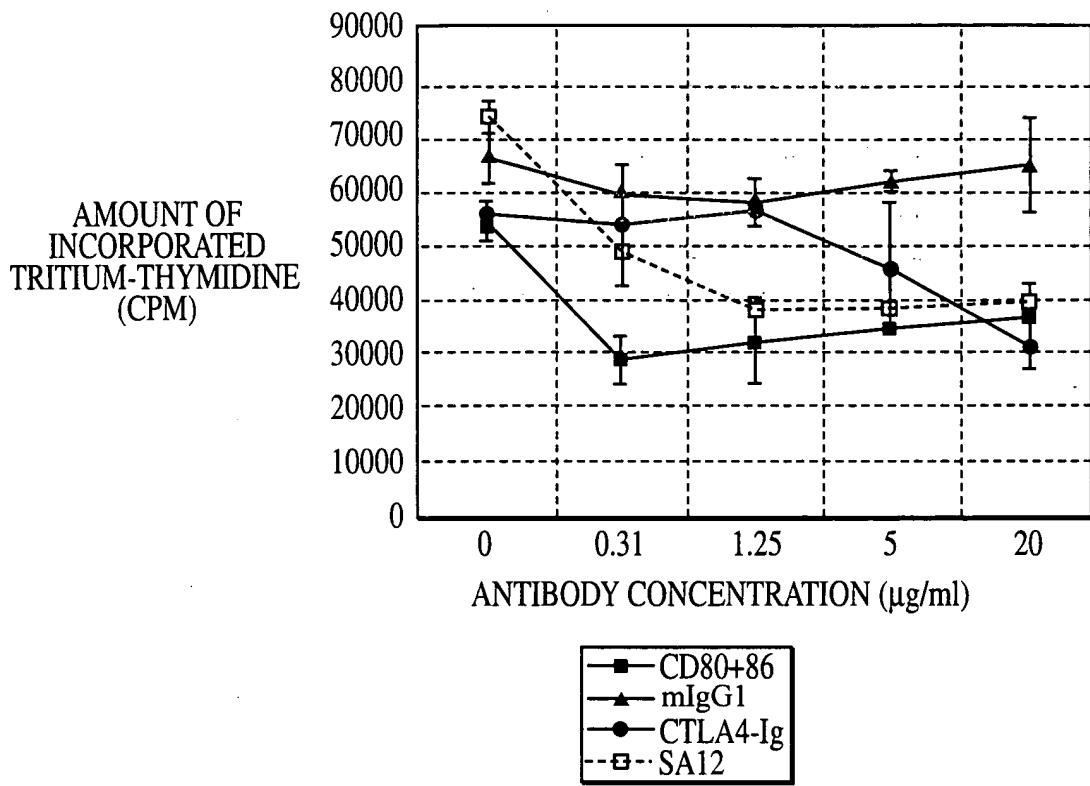


FIG. 47

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

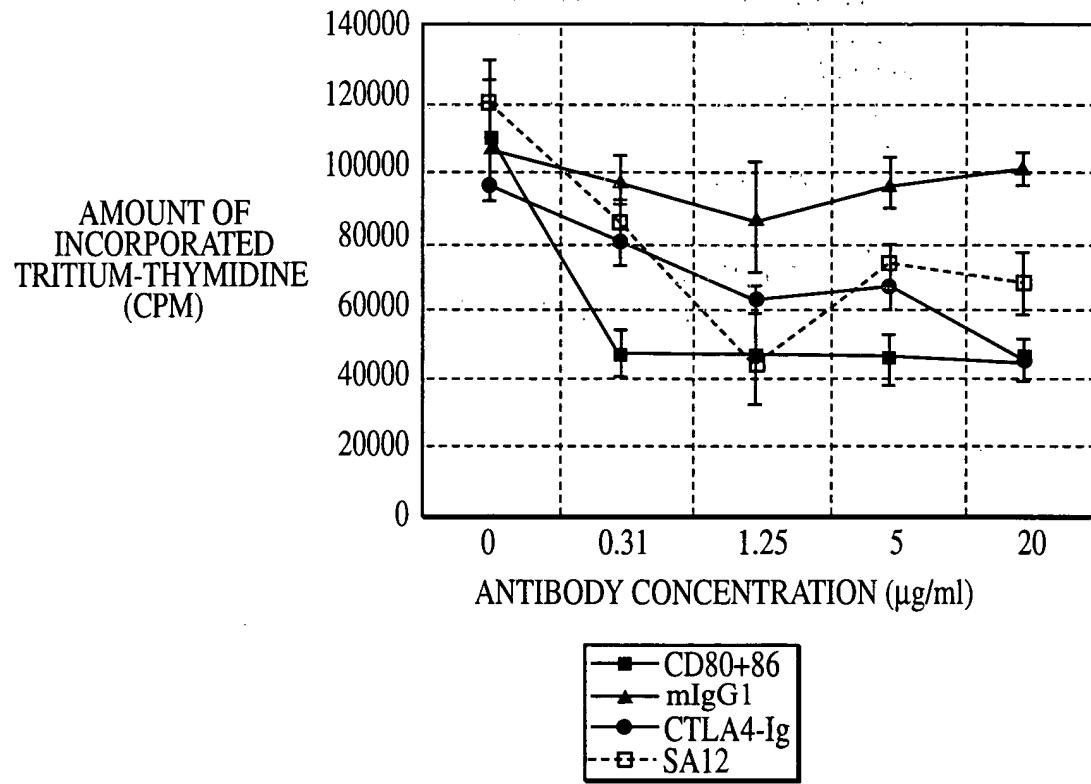


FIG. 48

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

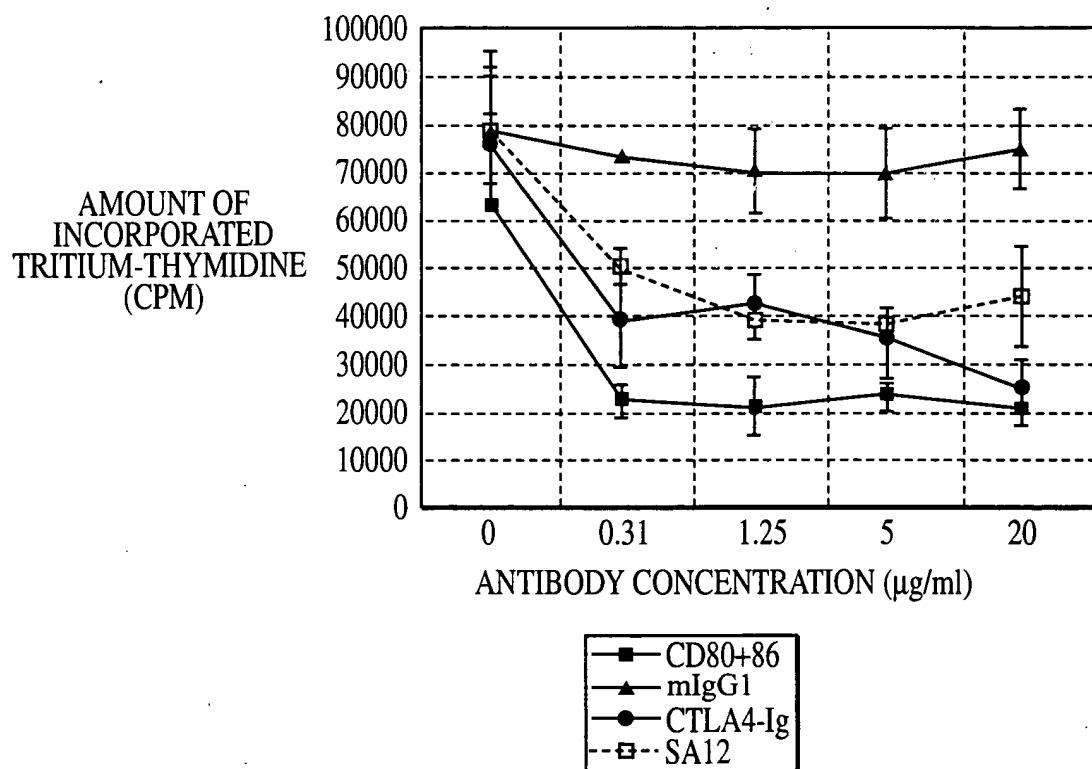


FIG. 49

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

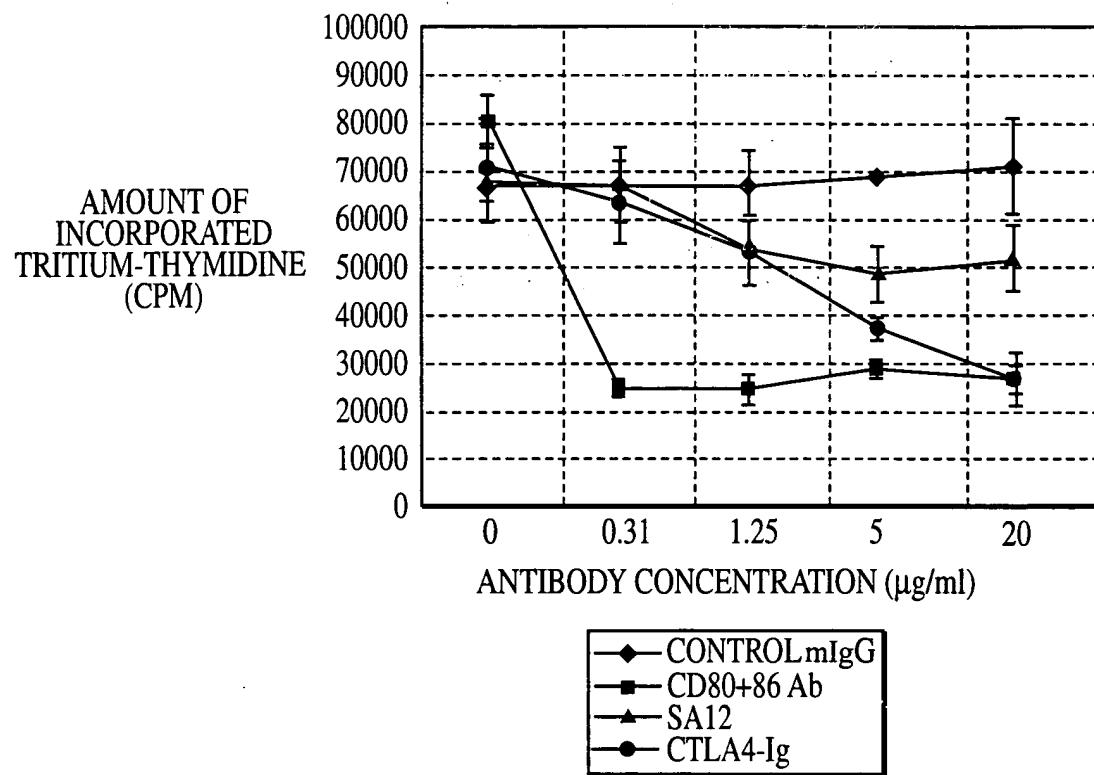


FIG. 50

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

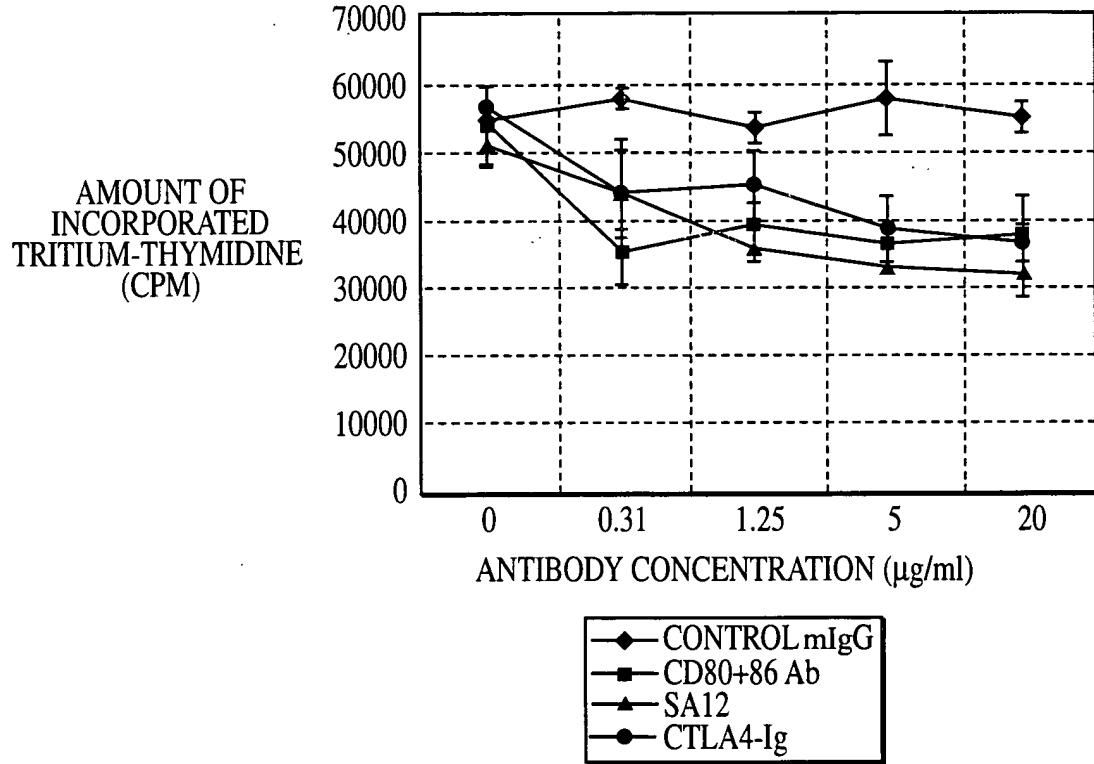


FIG. 51

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	

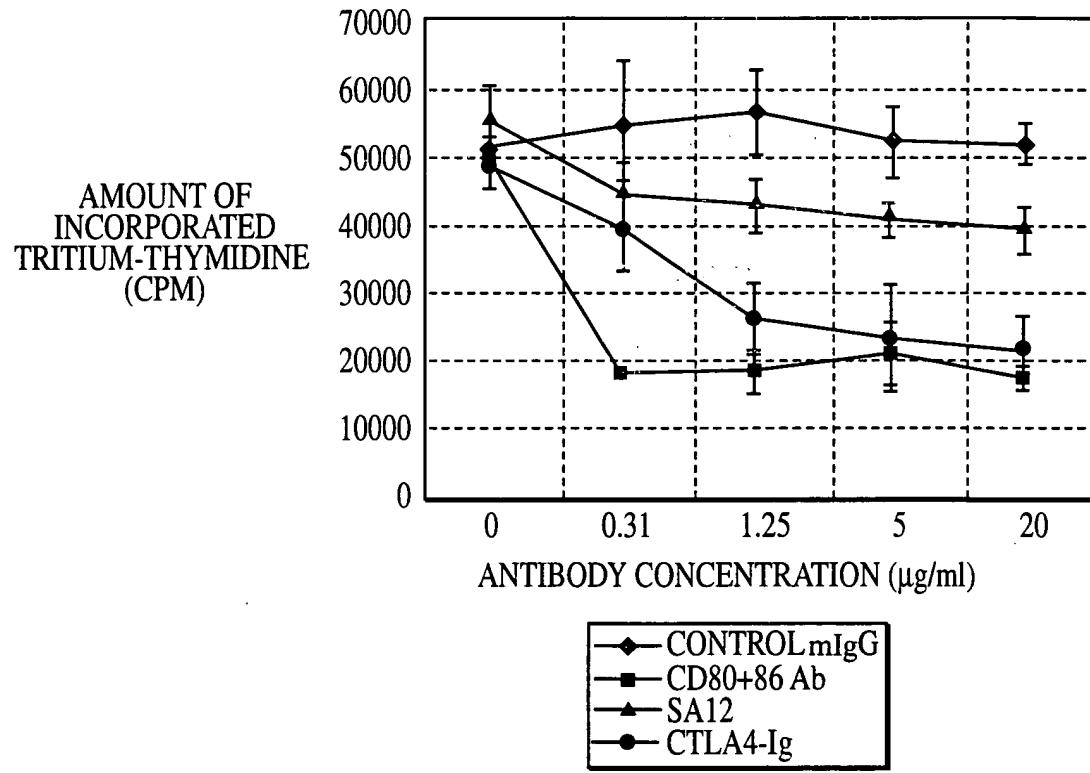


FIG. 52